MassDEP Home | Contact | Feedback | Tour | Privacy Policy MassDEP's Online Filing System Usemame:EHOYT LUG OFF Nickname: HOYTERS My eDEP Forms My Profile Melp Receipt Receipt Forms Signature Summary/Receipt print receipt Exit Your submission is complete. Thank you for using DEP's online reporting system. You can select "My eDEP" to see a list of your transactions. DEP Transaction ID: 256378 Date and Time Submitted: 8/3/2009 7:07:44 PM Other Email: Form Name: AQ Source Registration Package New APForm Creator(Use to add Emission Units) Source Registration(Facility Information) AP4(DEP #9 - AG TANK #6-2,262,000 GAL #2 OIL-0.3%S) AP4(DEP #6 - AG TANK #3-203,994 GAL #2 OIL-0.3%S) AP4(DEP #8 - AG TANK #5-493,000 GAL #2 OIL-0.3%S) AP4(DEP #7 - AG TANK #4-493,000 GAL KEROSENE) AP4(DEP #5 - AG TANK #2-203,532 GAL -EMPTY-) AP4(DEP #4 - AG TANK #1-203,826 GAL #2 OIL-0,3%S) AP4(DEP #14 - AG TANK #11-3,480,000 GAL #6 OIL-1%S) AP4(DEP #15 - AG TANK #12-3,480,000 GAL #2 OIL-0,3%S) AP4() AP4() AP4() AP4() AP4() AP4() AP4() AP4(DEP #10 - AG TANK #7-3,301,000 GAL #2 OIL-0.3%S) AP4(DEP #11 - AG TANK #8-3,934,000 GAL #2 OIL-0.3%S) AP4(DEP #12 - AG TANK #9-6,124,000 GAL KEROSENE) AP4(DEP #13 - AG TANK #10-4,012,000 GAL KEROSENE) AP Stack(DEP #1 - 1 STACK - BOILER #1-HODGE/SCOTCH) AP Stack(DEP #3 - 1 STACK - BOILER #3-WEIL MCLAIN OFFICE BUILDING) AP Stack(DEP #2 - I STACK - BOILER #2-YORK-SHIPLEY) AP1 Sec A(DEP #2 - BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMBTU/HR) AP1 Sec A(DEP #1 - BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HR #2 OIL-

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AP1 Sec A(DEP #3 - HOT AIR FURNACE ARMSTRONG ULTRA 80)
AP2 Sec A(DEP #17 - LOADING #2-BARGES DISTILLATES)
AP2 Sec A(DEP #16 - TRUCK LOADING RACK DISTILLATES)
TES(Total Emissions Statement and Hazardous Air Pollutant List)



Y	ear of R	ecord	
1	191014	ļ	

## Source Registration Overview Create or Amend a Source Registration Forms Package

1191014	_
Facility AQ identifier	

2008

	Α.	Create a Source Registration Page	kage			
Click "?" icons for important notes	1.	Select existing or new facility:  Existing Facilities: To create a complete package for 2008 check box.	☐ <b>New</b> Facili before submitte		ck if you have i ce Registration	
IMPORTANT!		check if you added emission units or stacks since your last report.				
	2.	Validate this form:				
How do you replace units?		Date Received (DEP use only - mm/dd/yyyy)				
	В.	Amend a Source Registration				
Uass da care	1.	If you need to correct or add to a previously submin the list below to select the forms/units you wish				
How do you amend a prìor year's Source	2.	Validate this form:				
Registration?	Fac	ility Name: SPRAGUE ENERGY		174172		
	Our	records indicate that this facility has: 17 Emission Units	(points) and 3	Physical Sta	cks	
	Z Z	AP-SR Source Registration Form (general facility and contact AP-TES Total Emissions Statement (facility-wide emissions;	t information) – REQUIF ncludes hazardous Air	RED Pollutant (H	AP) reporting).	
How does the new numbering system differ from the old?		Emission unit name (from pr	or submittals)	Facility's ID#	DEP# AP form	Last update
<sub>ک</sub> لا	V	BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HR #2 OIL-0	0.3	1 0	1 AP-1	2000
0K	V	BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMBTU/HR		2 V	2 AP-1	2000
6 K	Z	HOT AIR FURNACE ARMSTRONG ULTRA 80		3 4	3 AP-1	2000
014	Z	TRUCK LOADING RACK DISTILLATES		16	16 AP-2	2000
ok	Z	LOADING #2-BARGES DISTILLATES		17	17 AP-2	2000
OK	Z	AG TANK #1-203,826 GAL #2 OIL-0.3%S		4 V	4 AP-4	2000
dK	Z	AG TANK #2-203,532 GAL -EMPTY-		5 V	5 AP-4	2000
οK	Z	AG TANK #3-203,994 GAL #2 OIL-0.3%S		6 /	6 AP-4	2000
ə K	- <b>Z</b>	AG TANK #4-493,000 GAL KEROSENE		7 ✓	7 AP-4	2000
8 Julie	Z	AG TANK #5-493,000 GAL #2 OIL-0.3%S		8 V	8 AP-4	2000
(if any) listed (if	Z	AG TANK #6-2,262,000 GAL #2 OIL-0.3%S		9 1/	9 AP-4	2000
following pages	Z	AG TANK #7-3,301,000 GAL #2 OIL-0.3%S		10	10 AP-4	2000
7,8580	$\nabla$	AG TANK #8-3,934,000 GAL #2 OIL-0.3%S		11 /	11 AP-4	2000



2008

Year of Record

# Source Registration Overview Create or Amend a Source Registration Forms Package

1191014	-
Facility AQ identifier	*

		Emission unit name (from prior submittals)	Facility's ID#	DEP#	AP form	Last update
oK	Z	AG TANK #9-6,124,000 GAL KEROSENE	12 1	12	AP-4	2000
oK_	$\mathbf{Z}$	AG TANK #10-4,012,000 GAL KEROSENE	13 V	13	AP-4	2000
δK	$\mathbf{Z}$	AG TANK #11-3,480,000 GAL #6 OIL-1%S	14 V	14	AP-4	2000
o K	$\mathbf{Z}$	AG TANK #12-3,480,000 GAL #2 OIL-0.3%S	15 🗸	15	AP-4	2000
	$\mathbf{Z}$	1 STACK - BOILER #1-HODGE/SCOTCH	1	1	AP-STAC	2000
	$\mathbf{Z}$	1 STACK - BOILER #2-YORK-SHIPLEY	2	2	AP-STAC	2000
	$\mathbf{Z}$	1 STACK - BOILER #3-WEIL MCLAIN OFFICE BUILDING	3	3	AP-STAC	2000
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	П					
	$\Box$					



2008
Year of Record

## Source Registration Overview Create or Amend a Source Registration Forms Package

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1191	V14	
Facilit	ν ΔΩ i	dentifier

 Emission unit name	Facility's ID#	DEP#	AP form	Last update
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### **New Unit Creator Form**

Adding New Emission Units and Stacks

2008		
Year of	Record	

1191014 Facility AQ identifier

Steps to Add New Emissions Units and Sta
--

	51	eps to Add New Emissions Units and Stacks
	1.	Enter the TOTAL number of <b>new units</b> and <b>new stacks</b> to add to this package in the boxes below:
		<b>New Facilities:</b> If you are a new facility (or this is your first Source Registration) you must complete a form for each emission unit and stack.
IMPORTANT		Replacing emissions units: To replace an emissions unit or stack you must add a form for the new replacement unit in the boxes below. Then you must decommission the old one (by inserting a decommission date in the form for the old unit) Enter the decommission date on the form for the old unit first, then fill out the form for the new replacement unit.
		AP-1 Fuel Utilization Equipment (boilers, engines, furnaces, etc.)
Please Read		AP-2 Processes (including coatings, painting, etc)
if revalidating		AP-3 Incinerators
		AP-4 Organic Material Storage (tanks)
		AP-Stack (new/replacement stacks for any emission unit/s)
	2.	Validate this form: eDEP will add the TOTAL number of blank forms you requested to your package.

Emission Unit - Organic Material Storage

2008	
Voor of	

Year of record

DEP EU# (old Point #) 1191014

Facility AQ identifier

mportant: Vhen filling out forms on	A.	Equipment Description	
ne computer,	1.	Facility identifiers:	
se only the ib key to		SPRAGUE ENERGY	
iove your ursor – do		a. Facility name	10°L
ot use the		275802	1191014
eturn key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
<b>Y</b>	2.	Emission unit identifiers:	
ntan 🔨		EU#18 AG TANK #X-5	
		a. Facility's choice of emission unit name – edit as needed	
		h English's orginal as well as	PED
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #
		d. Combined Units – enter number of individual units	
ow to ombine nits ?			
	3.	Emission unit installation and decommission dates:	
		1/1/2004	
		a. Installation date - estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) if applicable
ow to delete unit?			Complete only if the unit was shut down permanently or replaced since the last report.
	4.	Emission unit replacement:	
		a. Is this unit replacing another emission unit?	
		_	
		✓ no	umber for the unit being replaced below:
		b. DEP's Emission Unit Number and facility unit name	464
	5.	Unit descriptions:	
		a Dansistian III shows around III hale	
		a. Description: 🗹 above ground 🔃 below ground	nd
		ground ground ground ground	
		_	f
		b. Roof type: ☐ floating roof ☐ internal roo ☐ fixed ☐ other:	
		b. Roof type: ☐ floating roof ☐ internal roo	Specify other

6. Construction: ✓ steel weld □ other weld □ rivet □ fiberglass □ gunite

Bureau of Waste Prevention – Al Pos:

Emission Unit - Organic Mate

2008 Year of record

DEP EU# (old Point #) 1191014 Facility AQ identifier

#### A. Equipment Descriptic

7.	Material stored (at start of year):	
	RED DYE ADDITIVE	
	a. Name of material	
		40301021
	b. CAS number if single chemical	c. SC Code for standing / breathing loss
	PETROLEUM STORAGEDIST FUEL NO.2	0.500
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
	60	564.0000
	f. Temperature – typical storage temp. in *Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only
	j. Oxygenate name – gasoline only	
8.	New material stored (enter new material if conter	nts changed during year of record):
	a. Name of material	
	b. CAS number if single chemical	c. SC Code for standing / breathing loss
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only
	j. Oxygenate name – gasoline only	
В.	Notes and Attachments	
1.	<b>Notes:</b> please include in the space below any ad your submission.	ditional information that will help DEP understand
		And the second s
2	2. Attachments:	ments to this form. For attachments that cannot be

sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

Click "?" icon for SC Code help

Bureau of Waste Prevention - Air Quality

Emission Unit - Organic Material Storage

4.00

d. Diameter - feet

c. Height / Length - feet

2008	
Year of r	ecord

DEP EU# (old Point #) 1191014

Facility AQ identifier

	Co	implete one AP-4 for EACH organic material storage	tank.
mportant: When filling out forms on	A	. Equipment Description	
ne computer,	1.	Facility identifiers:	
ise only the ab key to		SPRAGUE ENERGY	
nove your		a. Facility name	Table And Andrews
ursor – do ot use the		275802	1191014
eturn key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
<b>Y</b>	2.	Emission unit identifiers:	
/REED		EU#19 AG TANK #X-6	
		a. Facility's choice of emission unit name – edit as needed	
		19	
		b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # - SSEIS point #
		d. Combined Units – enter number of individual units	
low to ombine inits ?		d. Combined units – enter number of individual units	
	3.	Emission unit installation and decommission date	e.
		1/1/1995	•
		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable
low to delete unit?			Complete only if the unit was shut down permanently or replaced since the last report.
	4.	Emission unit replacement:	,
		a. Is this unit replacing another emission unit?	
		✓ no  yes – enter DEP's emissions unit	number for the unit being replaced below:
		b. DEP's Emission Unit Number and facility unit name	·
	5.	Unit descriptions:	
		a. Description: 🗹 above ground 🗌 below gro	ound
		b. Roof type:	oof

Specify other

600.0000

e. Capacity - gallons

Bureau of Waste Prevention - Air Quality

2008

Year of record

#### **BWP AQ AP-4**

Emission Unit - Organic Material Storage A. Equipment Description (cont.)

f (old Point #)

RED DYE ADDITIVE	
a. Name of material	<del></del>
	40301021
b. CAS number if single chemical	c. SC Code for standing / breathing loss
PETROLEUM STORAGEDIST FUEL NO.2	0.500
d. SC Code description – filled by eDEP 60	e. Vapor pressure in PSI at 25° C 338.0000
f. Temperature – typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	-
New material stored (enter new material if conte	nts changed during year of record):
a. Name of material	
b. CAS number if single chemical	c. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	-
Notes and Attachments	
<b>Notes</b> : please include in the space below any ac your submission.	dditional information that will help DEP understan
your submission.	
1 d d d d d d d d d d d d d d d d d d d	
I .	

2. Attachments: 
Check here to submit attachments to this form. For attachments that cannot be sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

Click "?" icon for SC Code help

#### Bureau of Waste Prevention - Air Quality f record BWP AQ AP-4 U# (old Point #) 014 Emission Unit - Organic Material Storage / AQ identifier Complete one AP-4 for EACH organic material storage ta Important: A. Equipment Description When filling out forms on the computer, 1. Facility identifiers: use only the tab key to SPRAGUE ENERGY move your a. Facility name cursor - do 275802 1191014 not use the return key. b. DEP Account number c. Facility AQ identifier - SSEIS ID number 2. Emission unit identifiers: **EU#20 AG TANK #X-7** a. Facility's choice of emission unit name - edit as needed 20 b. Facility's emission unit number / code - edit as needed c. DEP emissions unit # - SSEIS point # d. Combined Units - enter number of individual units How to combine units? Emission unit installation and decommission dates: a. Installation date - estimate if unknown (mm/dd/yyyy) b. Decommission date (mm/dd/yyyy) - if applicable How to delete Complete only if the unit was shut down permanently a unit? or replaced since the last report. 4. Emission unit replacement: a. Is this unit replacing another emission unit? ✓ no yes – enter DEP's emissions unit number for the unit being replaced below: b. DEP's Emission Unit Number and facility unit name 5. Unit descriptions: a. Description: above ground below ground b. Roof type: floating roof internal roof ✓ fixed other: Specify other 4.00 3.50 500.0000 c. Height / Length - feet d. Diameter - feet e. Capacity - gallons ✓ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite Construction: agap4.doc • revised 10/03/05 BWP AQ AP-4 Organic Material Storage • Page 1 of 2

Massachusetts Department of Environmen

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008

Year of record

DEP EU# (old Point #) 1191014

Facility AQ identifier

Α.	<b>Equipment</b>	Description	(cont.)

	7.	Material stored (at start of year): HEAT FORCE ADDITIVE	
		a. Name of material	44.
		a. Halle of Halena	40301021
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
Click "?" icon		PETROLEUM STORAGEDIST FUEL NO.2	0.500
for SC Code		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
help		60	93.0000
		f. Temperature – typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
		h. RVP - gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	8.	New material stored (enter new material if contents	s changed during year of record):
		a. Name of material	
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
		f. Temperature – typical storage temp, in °Fahrenheit	g. Annual throughput in gallons
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	<b>B.</b> 1.	Notes and Attachments  Notes: please include in the space below any addityour submission.	tional information that will help DEP understand
	2	2. Attachments:  Check here to submit attachments sent electronically, please list all such attachments	ents to this form. For attachments that <b>cannot</b> be in notes above and deliver them to DEP with a

paper copy of this form.

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008

Year of record

DEP EU# (old Point #) 1191014

Facility AQ identifier

	Cor	mplete one AP-4 for EACH organic material storage ta	nk.
rtant: filling	A.	<b>Equipment Description</b>	
rms on mputer,	1.	Facility identifiers:	
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your		SPRAGUE ENERGY	74
r – do		a. Facility name	
se the		275802	1191014
key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
<b>Y</b>	2.	Emission unit identifiers:	
		EU#21 AG TANK #X-9	
<del></del>		a. Facility's choice of emission unit name – edit as needed	11
		21	
		b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # - SSEIS point #
		January State Control of the Control	o. Der omosions unit# - ooelo ponit#
		d. Combined Units – enter number of individual units	
1 <del>e</del>			
	2	Fining with a substitution of the substitution	
	3.	Emission unit installation and decommission dates:	
		1/1/2004	
		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) - if applicable
delete			Complete only if the unit was shut down permanently
			or replaced since the last report.
	4.	Emission unit replacement:	
		a. Is this unit replacing another emission unit?	
		a. 19 this drift replacing another emission unit?	
		☑ no ☐ yes – enter DEP's emissions unit nu	imber for the unit being replaced below:
		E yes sitted on the difficulty	imber for the unit being replaced below.
		b. DEP's Emission Unit Number and facility unit name	
	5.	Unit descriptions:	
		a. Description: ✓ above ground ☐ below groun	nd
		,	
		b Death Davis ( Div	-
		b. Roof type:  Ifloating roof  Internal roof	
			0 10 11
		4.00 3.50 500.00	Specify other
		c. Height / Length - feet d. Diameter - feet e. Capac	ity – gallons
	6.	Construction: ✓ steel weld ☐ other weld ☐ n	ivet 🔲 fiberglass 🔲 gunite
			<u> </u>

Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008	
Year of record	
DEP EU# (old Point #)	_
, , , , , , , , , , , , , , , , , , , ,	
1191014	

Facility AQ identifier

#### A. Equipment Description (cont.)

	7.	Material stored (at start of year):	
		NONE	
		a. Name of material	
			40301021
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
Click "?" icon		PETROLEUM STORAGEDIST FUEL NO.2	0.000
for SC Code		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
help		·	0.0000
		f. Temperature – typical storage temp. in *Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	8.	New material stored (enter new material if content	s changed during year of record):
		a. Name of material	
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
		f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	В.	Notes and Attachments	
	1.	<b>Notes</b> : please include in the space below any additional your submission.	tional information that will help DEP understand
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	2	2. Attachments:	ents to this form. For attachments that cannot be
		sent electronically, please list all such attachments	in notes above and deliver them to DEP with a

paper copy of this form.

Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-4**

Emission Unit – Organic Material Storage

Year of record

DEP EU# (old Point #) 1191014

Facility AQ identifier

	Complete one AP-4 for EACH organic material storage tank.		rage tank.
Important: When filling out forms on		Equipment Description	
ter,	1.	Facility identifiers:	
ne .		SPRAGUE ENERGY	
D		a. Facility name	P* 9 to
<b>∂</b>		275802	1191014
N		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
لا الم	2.	Emission unit identifiers:	
		EU#22 AG TANK #X-11	
		a. Facility's choice of emission unit name - edit as need	led
		22	
		b. Facility's emission unit number / code - edit as neede	c. DEP emissions unit # - SSEIS point #
		d. Combined Units - enter number of individual units	
	3.	Emission unit installation and decommission	dates:
		1/1/1995	
		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable
lete			Complete only if the unit was shut down permanently or replaced since the last report.
	4.	Emission unit replacement:	·
		a. Is this unit replacing another emission unit	?
		☑ no ☐ yes – enter DEP's emissions	unit number for the unit being replaced below:
		b. DEP's Emission Unit Number and facility unit name	
	5.	Unit descriptions:	
			w ground
		a. Description: 📝 above ground 🔲 below	w ground
			nal roof
		b. Roof type: ☐ floating roof ☐ interi ☐ fixed ☐ other	nal roof r: Specify other
		b. Roof type:	nal roof ::

6. Construction: ✓ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Bureau of Waste Prevention – Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008	
Year of record	
DEP EU# (old Point #)	
1191014	
Facility AQ identifier	

#### A. Equipment Description (cont.)

NONE			
a. Name of material			
	40301021		
b. CAS number if single chemical	c. SC Code for standing / breathing loss		
PETROLEUM STORAGEDIST FUEL			
d. SC Code description - filled by eDEP	e. Vapor pressure in PSI at 25° C 0.0000		
f. Temperature – typical storage temp. in *Fah	renheit g. Annual throughput in gallons (enter 0 if not used)		
h. RVP – gasoline only	i. Total oxygen percent – gasoline only		
j. Oxygenate name – gasoline only	**		
a. Name of material			
b. CAS number if single chemical	c. SC Code for standing / breathing loss		
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C		
f. Temperature – typical storage temp. in °Fah	g. Annual throughput in gallons		
h. RVP gasoline only	i. Total oxygen percent – gasoline only		
j. Oxygenate name – gasoline only	<del></del>		
. Notes and Attachments			
Notes: please include in the space b your submission.	elow any additional information that will help DEP understand		

paper copy of this form.

Click "?" icon for SC Code help

	ureau of Waste Prevention – Air Quality	Year of record
E	BWP AQ AP-4	DEP EU# (old Point
Εı	mission Unit - Organic Material Si	1191014 Facility AQ identifier
_	implete one AP-4 for EACH organic mater	1 acinty Act identifier
	. Equipment Description	
1.	Facility identifiers:	
	SPRAGUE ENERGY	
	a. Facility name	-
	275802 1191014	
	b. DEP Account number c. Facility AQ identifi	ier – SSEIS ID number
2.	Emission unit identifiers:	
	EU#23 AG TANK #X-12	
	Facility's choice of emission unit name – edit as needed	
		nit # - SSEIS point #
		,
	d. Combined Units – enter number of individual units	
3.	Emission unit installation and decommission dates:	
•	1/1/2004	
		te (mm/dd/yyyy) – if applicable
		unit was shut down permanently
	or replaced since the	
4.	Emission unit replacement:	
	a. Is this unit replacing another emission unit?	
	☑ no ☐ yes – enter DEP's emissions unit number for the unit b	peing replaced below:
	b. DEP's Emission Unit Number and facility unit name	
	5. 52. 6 Emission Sinchamber and facility unit frame	
5.	Unit descriptions:	
	a. Description: 🗹 above ground 🔲 below ground	
	4 B ()	
	b. Roof type: ☐ floating roof ☐ internal roof ☐ other:	
	✓ fixed ☐ other:  Specify other	-
	✓ fixed       ☐ other:         Specify other         12.00       5.33       2000.0000	
	✓ fixed ☐ other:  Specify other	
	✓ fixed       ☐ other:         Specify other         12.00       5.33       2000.0000	

Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record

DEP EU# (old Point #)
1191014
Facility AQ identifier

#### A. Equipment Description (cont.)

I 1	Material stored (at start of year):				
	UBRICITY ADDITIVE				
<u>а.</u>	Name of material	1 40204024			
 	CAS number if single chemical	40301021			
	ETROLEUM STORAGEDIST FUEL NO.2	c. SC Code for standing / breathing loss 0.500			
	SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C			
6	<del>=</del>	3121.0000			
f.	Temperature – typical storage temp. in <sup>°</sup> Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)			
h.	RVP – gasoline only	i. Total oxygen percent – gasoline only			
<u>j.</u> (	Oxygenate name – gasoline only	-			
. N	New material stored (enter new material if contents changed during year of record):				
ā.	Name of material				
b.	CAS number if single chemical	c. SC Code for standing / breathing loss			
d.	SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C			
f.	Temperature – typical storage temp. in ⁰Fahrenheit	g. Annual throughput in gallons			
h.	RVP – gasoline only	i. Total oxygen percent – gasoline only			
j. (	Oxygenate name – gasoline only	-			
	lotes and Attachments				
N		ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			
N	otes: please include in the space below any ad	ditional information that will help DEP understand			

paper copy of this form.

Click "7" icon for SC Code help

Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008	
Year of	record

DEP EU# (old Point #) 1191014

Facility AQ identifier

Complete one AP-4 for EACH organic material storage tank.			nk.		
Important: When filling	A.	Equipment Description			
out forms on the computer,	1.	Facility identifiers:			
use only the tab key to		SPRAGUE ENERGY			
move your cursor – do		a. Facility name			
not use the return key.		b. DEP Account number	1191014 c. Facility AQ identifier – SSEIS ID number		
			c. I admy Actionistics – 33Et3 ID Humber		
	_				
	2.	Emission unit identifiers:			
		EU#23 AG TANK #X-13			
		a. Facility's choice of emission unit name – edit as needed			
		b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # - SSEIS point #		
		d. Combined Units – enter number of individual units			
How to		d. Combined Offics – after Humber of Individual units			
combine units ?					
	3.	Emission unit installation and decommission dates:			
		1/1/1995			
l lour to delete		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable		
How to delete a unit ?			Complete only if the unit was shut down permanently or replaced since the last report.		
	4.	Emission unit replacement:			
		a. Is this unit replacing another emission unit?			
		✓ no	umber for the unit being replaced below:		
		b. DEP's Emission Unit Number and facility unit name			
	5.	Unit descriptions:			
		a Description (7) shows a set (7) to			
		a. Description: 🗹 above ground 🔲 below ground	nd		
		b. Roof type:	f		
		☑ fixed ☐ other:			
		18.00 5.33 3000.0	Specify other		
			city – gallons		

6. Construction: ✓ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record

DEP EU# (old Point #)
1191014
Facility AQ identifier

#### A. Equipment Description (cont.)

7.	Material stored (at start of year):		
	NO. 2 FUEL OIL		
	a. Name of material		
	68476302	40301021	
	b. CAS number if single chemical	c. SC Code for standing / breathing loss	
	PETROLEUM STORAGEDIST FUEL NO.2	0.200	
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C	
	60	105323.0000	
	f. Temperature – typical storage temp. in *Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)	
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only	
	j. Oxygenate name – gasoline only	_	
8.	New material stored (enter new material if conte	ents changed during year of record):	
	a. Name of material	Mile Jack	
	b. CAS number if single chemical	c. SC Code for standing / breathing loss	
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C	
	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons	
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only	
	j. Oxygenate name – gasoline only	_	
В.	Notes and Attachments		
1.	<b>Notes</b> : please include in the space below any ac your submission.	dditional information that will help DEP understand	
	Total Galanticoloni.		
:	2. Attachments:  Check here to submit attach	nments to this form. For attachments that cannot be	
	sent electronically, please list all such attachmer	nts in notes above and deliver them to DEP with a	

paper copy of this form.

Click "7" icon for SC Gode help



## **BWP AQ AP-SR**

Source Registration

2008	
Year of Record	
1191014	
Facility AO Ida-Air-	

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return





	_				
A.	Facility Information				
1.	Facility - the site or works at which the regulated activity occurs:				
	SPRAGUE ENERGY				
	a. Facility Name	-			
	728 SOUTHERN ARTERY ST				
	b. Facility Street Address Line 1	· · · · · ·			
	c. Facility Street Address Line 2	·	-		
	QUINCY	MA	021690000		
	d. City/Town	e. State	f. Zip Code		
	6178470994				
	g. Facility Phone Number	h. Facility Fa	x Number		
2.	Mailing address:				
	728 SOUTHERN ARTERY				
	a. Facility Mailing Address / PO Box Line 1				
	b. Facility Mailing Address / PO Box Line 2				
	QUINCY	MA	021690000		
	c. City/Town	d. State	e. Zip Code		
3	Facility type – check one:				
٥.		_			
	☐ Utility ☑ Private ☐ Tribal ☐ Federal ☐	State 🔲 Lo	ocal Government		
4.	ORIS Facility Code - for large electrical utilities				
	only:	ORIS Facility	Code		
5.	ID numbers:				
J.					
	275802	1191014			
	a. DEP Account number / FMF Facility #	b. Facility AQ	identifier – SSEIS ID number		
6.	Location (check how to onter either LITM OR Leaff)	\			
Ο. r	Location (check box to enter either UTM OR Lat/Le	ong);			
	a. UTM coordinates		☑ b. Latitude/Longitude		
	_	42.260395			
	c. UTMHorizontal - meters d. UTM Vertical - meters	f. Latitude 42			
	Valid Dancar		73.5° - 69.8°		
L	e. UTM Zone Valid Ranges:		Enter positive values only.		

How to find location data?

☐ a. UTM c	oordinates
c. UTMHorizontal - meters	d. UTM Vertical - meters
e. UTM Zone	alid Ranges:



## **BWP AQ AP-SR**

Source Registration

2008	
Year of Record	271
1191014	

Source Registration			Facility AQ identifier		
A. Facility Infor	mation (cont.)				
-	, ,				
7. North American Inc	dustry Classification Syst	tem (NAICS) 6 digits:			
424710					
a.	b.	C.	d.		
Facility description needed):	n (what is being produced	d and how it is being p	produced at this facility – update as		
AT THE TERMINA	.L: JP-5 (JET FUEL), DII	ESEL FUEL, KEROS	OWING PRODUCTS ARE STORED ENE, NO. 2 FUEL OIL, NO. 6 FUE TER, AND LUBRICITY ADDITIVE.		
. Facility's normal ho	ours of operation:	⊠ o Conti	nuous - 24 x <b>7</b> x 52		
a. Start time	b. End Time	<b>v</b> c. Contr	1000S - 24 X 7 X 52		
d. Which days is th	ne facility open? 🛛 🗸 S	<b>☑</b> M <b>☑</b> T <b>☑</b>	W ☑T ☑F ☑S		
0. Number of employ	ees: <u>8</u>				
	☐ same address as facility of the property of				
	SPRAGUE ENERGY CORP				
	a. Owner or Corporation Name				
	2 INTERNATIONAL DR , SUITE 200 b. Mailing Address Line 1 (for owner or corporation)				
ACCOUNTING	i (for owner or corporation)				
c. Mailing Address Line	2				
PORTSMOUTH	-	NH	032040000		
d. City/Town		e. State	038010000 f. Zip Code		
UNITED STATES		c. Olate	1. Zip Code		
g. Country					
6034311000					
h. Owner Phone Number	er i, Ext	ension j. Owner F	ax Number		
pcroteau@spragu		,, o(or )			
	is		Faxpayer Identification Number - 9 digits)		

Who is an Owner?



## **BWP AQ AP-SR**

Source Registration

2	2008
Υ	ear of Record
1	191014
F	acility AQ identifier

A. Facility Information	(cont.)				
2. Facility <b>contact</b> information:	same address	as facility addres as facility mailing			
STEVE		CIPULLO			
a. Facility Contact First Name		Contact Last	Name		
728 SOUTHERN ARTERY			58		
b. Mailing Address Line 1					
c. Mailing Address Line 2					
QUINCY		MA	021690000		
d. City/Town		e. State	f. Zip Code		
UNITED STATES		scipullo@s	spragueenergy.com		
g. Country		h. E-mail Addr			
6178470994					
i. Phone Number	j. Extension	k. Fax I	Number		
. Air emissions information o			ct name and address		
PETER	☐ same		address as facility address		
a. Air emissions contact First Name		CROTEAU			
TWO INTERNATIONAL DRIV	VF	Air emissions	contact Last Name		
b. Mailing Address Line 1	<u> </u>	·			
c. Mailing Address Line 2					
PORTSMOUTH		NH	038016809		
d. City/Town	<del>*************************************</del>	e. State	f. Zip Code		
USA		pcroteau@	spragueenergy.com		
g. Country	***	h. E-mail Addr			
6034307205	<u> </u>				
i. Phone Number	j. Extension	k. Fax I	Number		
		•••			
. Preparer					
Identification information for p	rangrar of this submit	tal. 🖂			
identification information to p	reparer or this submit	_	ame as facility air emissions contact name nd address		
			ame as facility contact name and address		
		☐ s	ame address as facility address		
PETER		CROTEAU			
a. Preparer First Name		Preparer Last	Name		
TWO INTERNATIONAL DRIV	/E				
b. Mailing Address Line 1					
c. Mailing Address Line 2					
C. MAIIING AGGRESS LINE Z			038016809		
PORTSMOUTH		NH a State			
PORTSMOUTH d. City/Town		e. State	f. Zip Code		
PORTSMOUTH d. City/Town USA		e. State pcroteau@	f. Zip Code spragueenergy.com		
PORTSMOUTH d. City/Town		e. State	f. Zip Code spragueenergy.com		



Bureau of Waste Prevention - Air Quality

### BWP AQ AP-SR

Source Registration

2008

Year of Record

1191014

Facility AQ identifier

#### C. Notes and Attachments

Notes: please include in the space below any additional information that will help DEP understand your submission.

#### 2. Attachments:

Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments I notes above and deliver them to DEP with a paper copy of this form.

#### D. Certification

Who is a Responsible Official?

"I hereby certify that I have personally examined the foregoing and am familiar with the information contained in this document and all attachments and, that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including possible fines and imprisonment."

A responsible official for the facility must provide the electronic signature. The signature and date are inserted below by eDEP when the package is submitted.

Signed under the pains and penalties of perjury:

Signature of Responsible Official

eDEP enters these fields automatically on submission.

Responsible official - complete all fields below:

#### **PETER**

a. Print First Name

#### **CROTEAU**

b. Print Last Name

#### REGIONAL HSE MANAGER

c. Title

#### 603-430-7205

d. Phone Number

#### pcroteau@spragueenergy.com

e. E-mail Address

What if you are not a Responsible Official?

## **BWP AQ AP-STACK**

Physical Vertical Stacks

2008	
Year of record	
3	
DEP Stack #	
1191014	
Facility AQ identifier	

			<u></u> _		Facility AQ identifier
	Co	mplete one AP-STACK form	m for EACH physical s	tack at the facility	
Important: When filling out forms on	A.	Stack Description	on		
the computer, use only the	1.	Facility identifiers:		Ho	w to report combined units/stacks: see 3b below
tab key to move your		SPRAGUE ENERGY			
cursor - do not		a. Facility name	"	<u> </u>	75
use the return		275802		1191014	
key.		b. DEP Account number		c. AQ identifi	er – SSEIS ID number
100	2.	Stack identifiers:			
<b>-V</b>		1 STACK - BOILER #3-		CE BUILDING	
mm 🔨		a. Facility's choice of stack nar		3	
		<ul><li>b. Facility's stack number – ed</li></ul>	it as needed	c. DEP stack	# - old SSEIS stack #
	3.	Type: a. V vertical vert	tical with rain cap/sleeve	b. Combined stacks	enter number of individual stacks:
	4.	Dimensions:	20		0.7
Vhat to do if data	_		Height in feet above the	ground	Internal Diameter in feet
s unknown or mavailable ?	5.	Gas exit velocity:	Low end - feet per seco	ond (0.1 – 500)	High end - feet per second (0.1 – 500) 350
	6.	Exit temperature:	Low end - <sup>0</sup> Fahrenheit	(50 – 1800)	High end - <sup>o</sup> Fahrenheit (50 – 1800)
	7.	Stack liner material:	] metal 🔽 brick refra	actory  other:	•
				Describe Oth	er
How to delete a stack?	8.	Decommission date – if a	applicable: (m	m/dd/yyyy) Complete c	only if the stack was permanently removed
	В.	Emission Units	Associated wit	h Stack – e[	DEP Only
	ent	ow is a list of the emission ry is required; make any of a list does not reflect chang	changes on the forms	for each emission	ist is for information only – no data unit (i.e., AP1, AP2, or AP3). Note: submitted.
Important: To assign an		EU#3-HOT AIR FU	RNACE ARMST	RONG ULTRA	X 80
emission unit to this stack.					
enter the Stack Id No. on the form					
for the emission unit					
(i.e., AP1, AP2, or AP3).					

# **Massachusetts Department of Environmental Protection** 2008 Bureau of Waste Prevention - Air Quality Year of record **BWP AQ AP-STACK** DEP Stack # 1191014 Emission Unit - Fuel Utilization Equipment Facility AQ identifier C. Notes and Attachments 1. Notes: please include any additional information that will help DEP understand your submission. 2. Attachments: Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments

below and deliver them to DEP with a paper copy of this form.

## **BWP AQ AP-STACK**

2008	
Year of record	
2	
DEP Stack #	
1191014	
Facility AQ identifier	

	—	iysicai verticai Stack	S		Facility AQ identifier	
	Complete one AP-STACK form for EACH physical stack at the facility					
Important: When filling out forms on	A.	Stack Description	on	Hea	to corner perphiand upto abouto, one 2h bullion	
the computer, use only the	1.	Facility identifiers:		riov	vito report combined units/stacks; see 35 below	
tab key to move your		SPRAGUE ENERGY				
cursor - do not use the return		a. Facility name 275802		4404044		
key.		b. DEP Account number		1191014 c. AQ identifie	r – SSEIS ID number	
	2.	Stack identifiers:				
		1 STACK - BOILER #2				
THE COUNTY		a. Facility's choice of stack na	ame - edit as needed			
		b. Facility's stack number – e	edit as needed	c. DEP stack:	# old SSEIS stack #	
	3.	Type: a. vertical ve				
	٥.	Type. a. W Vertical L Ve	25	ombined stacks -	enter number of individual stacks:	
	4.	Dimensions:	Height in feet above the groun	nd	1.1 Internal Diameter in feet	
Vhait to do if data s unknown or	5.	Gas exit velocity:	<del></del>			
mavailable ?	_	·	Low end - feet per second (0, 350	1 – 500)	High end - feet per second (0.1 – 500) <b>350</b>	
	6.	Exit temperature:	Low end - <sup>0</sup> Fahrenheit (50 – 1	800)	High end - <sup>0</sup> Fahrenheit (50 – 1800)	
	7.	Stack liner material:	metal	y 🔲 other:		
	_			Describe Othe	er .	
How to <b>delete</b> a stack ?	8.	Decommission date – if	f applicable: (mm/dd/y	<b>yyy)</b> Complete o	nly if the stack was permanently removed	
	В.	<b>Emission Units</b>	Associated with S	tack – eD	EP Only	
	ent	ry is required; make any	on units associated with this changes on the forms for e nges you have made on-line	ach emission	st is for information only – no data unit (i.e., AP1, AP2, or AP3). Note: submitted.	
Important: To assign an		EU#2-BOILER #2-	YORK SHIPLEY SPE	200-6 7.9	MMBTU/HR	
emission unit to this stack,				-		
enter the Stack id No.		- ",		·		
on the form				-1		
for the emission unit						
(i.e., AP1, AP2, or AP3).						

# Massachusetts Department of Environmental Protection 2008 Year of record Bureau of Waste Prevention - Air Quality **BWP AQ AP-STACK** DEP Stack # 1191014 Emission Unit - Fuel Utilization Equipment Facility AQ identifier C. Notes and Attachments 1. Notes: please include any additional information that will help DEP understand your submission. 2. Attachments: Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments

below and deliver them to DEP with a paper copy of this form.

## **BWP AQ AP-STACK**

**Physical Vertical Stacks** 

2008	
Year of record	
1	
DEP Stack #	
1191014	
Facility AQ identifier	

				_	Facility AQ Identifier	
	Complete one AP-STACK form for EACH physical stack at the facility					
Important: When filling out forms on	A.	Stack Descriptio	n			
the computer, use only the	1.	Facility identifiers:		Hov	to report combined units/stacks: see 3b below	
tab key to		SPRAGUE ENERGY				
move your cursor - do not		a. Facility name	·-	-u	·14	
use the return		275802		1191014		
key.		b. DEP Account number		c. AQ identifie	r - SSEIS ID number	
	2.	Stack identifiers:				
<b>~</b>		1 STACK - BOILER #1-		es		
<b>Man (</b>		a. Facility's choice of stack nam	ne – edit as needed	1		
		b. Facility's stack number – edit	as needed	c. DEP stack	# - old SSEIS stack #	
	3.	Type: a. 🔽 vertical 🔲 verti	cal with rain cap/sleeve	b. Combined stacks -	- enter number of individual stacks:	
		<b>.</b>	25		2.3	
Vhat to do if data	4.	Dimensions:	Height in feet above the	ground	Internal Diameter in feet	
s unknown or mavailable ?	5.	Gas exit velocity:	Low end - feet per secon	nd (0.1 – 500)	High end - feet per second (0.1 – 500)	
	6.	Exit temperature:	Low end - <sup>0</sup> Fahrenheit (5	0 – 1800)	High end - <sup>0</sup> Fahrenheit (50 – 1800)	
	7.	Stack liner material:	metal  brick refrac	,	ragin and a familian (as a fact)	
				Describe Othe	er	
	8.	Decommission date - if a	ipplicable: (mm	Addingar) Complete o	Aboli the start	
How to delete a stack?			(11111)	rddryyyy) Complete o	nly if the stack was permanently removed	
	В.	<b>Emission Units A</b>	Associated with	h Stack – eD	EP Only	
	ent	ow is a list of the emission ry is required; make any c is list does not reflect chang	hanges on the forms t	for each emission	st is for information only – no data unit (i.e., AP1, AP2, or AP3). Note: submitted.	
Important:		EU#1-BOILER #1-H	IODGE/SCOTCH	10.65 MMB	TU/HR #2 OIL-0.3	
To assign an emission unit				-	· · · · · · · · · · · · · · · · · · ·	
to this stack, enter the				<u></u>		
Stack ld No. on the form						
for the						
emission unit (i.e., AP1,						
AP2, or AP3).						
				· · · · · · · · · · · · · · · · · · ·		

# Massachusetts Department of Environmental Protection 2008 Bureau of Waste Prevention - Air Quality Year of record **BWP AQ AP-STACK** DEP Stack # 1191014 Emission Unit - Fuel Utilization Equipment Facility AQ identifier C. Notes and Attachments 1. Notes: please include any additional information that will help DEP understand your submission.

2. Attachments:

Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that **cannot** be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.



Bureau of Waste Prevention - Air Quality

#### **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### A. Equipment Description

2008
Year of record
3
DEP EU# (old Point #)
1191014
Facility AQ identifier

Important:
When filling
out forms on
the computer,
use only the
tab key to
move your
cursor - do not
use the return
key.





How to delete a unit? (click ?-icon)

1.	Facility identifiers:					
	SPRAGUE ENERGY					
	a. Facility name 275802	1191014				
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number				
2.	Emission unit identifiers:					
	HOT AIR FURNACE ARMSTRONG ULTRA 80					
	a. Facility's choice of emission unit name – edit as needed					
	b Feelite's and a single series are series and a single series are series and a single series and a single series are series and a single series and a single series are series and a single series are series and a single series and a single series are series and a single series and a single series are series are serie	3				
	b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # - old point #				
	d. ORIS ID # - for large electrical utilities only	e. Combined Units – enter number of individual units				
3.	DEP approvals – leave blank if not applicable:					
	a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)				
4.	Is this unit exempt under 310 CMR 7.02 Plan Appr	ovals? ☑ yes ☐ no				
5.	If exempt from Plan Approval, indicate reason why	(e.g. cite a specific DEP regulation):				
	BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15	(o.g., one a specime BEI regulation).				
	Reason for exemption					
6.	Emission unit installation date and decommission	tate.				
	1/1/1998					
	a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable				
7.	Emission unit replacement:	Complete only if the unit was shutdown permanently or replaced since the last report.				
	a. Is this unit replacing another emission unit?					
	✓ no	mber and name for the unit being replaced below:				
	b. DEP's emission unit number and facility unit name					
_						
В.	Additional state reporting requirements:					
	a. Are there other routine air quality reporting requi	rements for this emissions unit?				
	yes - specify reporting frequency below	✓ no – skip to question 8c				
	b. Reporting frequency - check all that apply:					
	1. Monthly 2. Quarterly 3. Semi-annu	al 🔲 4. Annual 🔲 5. RES				
	(include Operating Permit and Plan Approval reports, but not ex	ceedance reporting)				
	c. Is this unit subject to (check all that apply):					
	□ NESHAP □ NSPS □ MACT					



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### A. Equipment Description (cont.)

2008
Year of record
3
DEP EU# (old Point #)
1191014
Facility AQ identifier

	9.	Equipment:			
How to report on combined units ?			engine	ner: Describe "other"	acuinment turo
		If engine, is this an emergency gen	erator? 🔲 yes	no Describe otilei	ефортын туре
		ARMSTRONG		ULTRA 80	
		b. Manufacturer	***	c. Model number	
		d. Max input rating MMBtu/hr (enter "0" if not	annlicable)	1 Number of human	(notes 407) if not not lead to
What to do		Contact of the contac	аррікавіе)	e. Number of burner	s (enter "0" if not applicable)
if data unknown or		f. Type of bumer – check one:	☐ rotary	mech. atomiz	er
not available ?			air atomizer	☐ traveling grat	e hand fired
			✓ other:	DIRECT FIRED	
		CARLIN		"other" burner type UNKNOWN	· · · · · · · · · · · · · · · · · · ·
		g. Burner manufacturer	<del></del>	h. Burner model num	nber
		1/1/1998			
		i. Burner installation date (mm/dd/yyyy)			
	10.	Hours of operation for the emission	unit: a.⊟.d-	ack if continuous	sly operated – 24 x 7 x 52
		0.4	<del></del>	reck ii continuous	
		<del></del>	7 c. Number of days pe	ur week	d. Number of weeks per year
		, ,	· ,		' '
		e. Percent of total annual operation			
		$\frac{50.0}{Q1}$ $\frac{10.0}{Q2}$ $\frac{10.0}{Q3}$	30.0 Q4	Sum of Q1+Q2+Q3+ or 0% if the unit was	-Q4 must = 100%, not operated for any quarter
	44	42			The special of the same quality
	11.	Ozone season operation schedule -	- May 1 through \$	September 30:	
			5	· · · · · · · · · · · · · · · · · · ·	9
		a. Ozone season nours per day	b. Ozone season day	's per week	c. Weeks operated in ozone season
	12.	Emission release point – select one	: Engi	ines click here for inst	tructions
				moo oner here for mar	il delitores.
		Non-Stack Release Points:	P	hysical Stacks:	
		☐ fugitive ☐ horizontal vent		vertical stack	
		☐ engine exh. ☐ downward faci ☐ vertical stack/vent less than 10		vertical with rair	n cap/sleeve
	13	If Non-Stack release point, skip to question Link this unit to a physical stack (if a		from the list help	·Ai'
	. •.	3 1 STACK - BOILER #3-WEIL MC			<b>YY.</b>
		Facility's stack identifier from STACK form –			
		If the stack for this unit is not listed, save and			ack form before completing to this form.



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### A. Equipment Description (cont.)

2008	
Year of record	
3	
DEP EU# (old Point #)	
1191014	
Facility AQ identifier	

14	4. Is there a pollution control devi	ce on this emissions unit?	Check here if you need to report more than 3 air pollution control devices on
How to delete a control ?	yes – answer a through i	✓ no – skip to question 15	this unit. eDEP will add another page of control devices after this form.
_	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
	а. Туре	Туре	Туре
Do not leave blank –	b. Manufacturer	Manufacturer	Manufacturer
if unknown write 'unknown' or	c. Model number	Model number	Model number
estimate	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device
>	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
Leave f, g, h	f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)
applicable.	g. DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
	h. Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)
	i. Percent overall efficiency - er	nter for all pollutants that the device	was designed to control:
PM 10			- -
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.
SO2	% Overall eff.	% Overall eff.	% Overall eff.
CO	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
VOC	% Overall eff.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.	% Overall eff.	% Overall eff.
HOC	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff.	% Overall eff.	
Hg			% Overall eff.
Pb	% Overall eff.	% Överall eff.	% Overall eff.
Other	% Overall eff.	% Overall eff.	% Overall eff.
Otilei	% Overall eff.	% Overall eff.	% Overall eff.
	Specify "Other"	Specify "Other"	Specify "Other"



Bureau of Waste Prevention - Air Quality

#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

#### A. Equipment Description (cont.)

15. Is there monitoring equipment on this unit or its related control devices? How to delete □ yes – answer a through | ✓ no – skip to section B a monitor? Monitor 1 Monitor 2 Monitor 3 a. Monitor type: check only one: check only one: check only one: □ CEM □ Opacity □ Opacity ☐ Opacity nother - describe: other - describe: other - describe: Do not leave blank Describe "other" Describe "other" Describe "other" if unknown write b. Manufacturer: 'unknown' or estimate c. Model number: d. Monitor ID #: Facility's Designation Facility's Designation Facility's Designation e. Installation date: (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) f. DEP approval #: Leave g. DEP approval date: f, g, h blank if not (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) applicable. h. Decommission date: (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) i. Recorder ? ☐ yes ☐ no ☐ yes ☐ no ☐ yes ☐ no j. Audible alarm? ☐ yes ☐ no ☐ yes ☐ no ☐ yes ☐ no k. Data system? ☐ yes ☐ no ☐ yes ☐ no ☐ yes ☐ no

PM 10

¬ PM 2.5

□ SO2

] co

VOC

NO<sub>2</sub>

NH3

CO<sub>2</sub>

H2S

HCL

Opacity

Describe "other"

other – describe:

Mercury

Oxygen

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Monitored pollutants

(check all that apply):

PM 10

PM 2.5

SO2

CO

VOC

NO<sub>2</sub>

NH3

CO<sub>2</sub>

H2S

HCL

Opacity

Describe "other"

other - describe:

Mercury

Oxygen

☐ PM 10

SO<sub>2</sub>

CO

VOC

NO<sub>2</sub>

NH3

CO<sub>2</sub>

H2S

HCL

Mercury

Oxygen

Opacity

Describe "other"

other – describe:

PM 2.5

2008

Year of record

1191014

DEP EU# (old Point #)

Facility AQ identifier



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### **B. Fuels and Emissions**

2008
Year of record
3
DEP EU# (old Point #)
1191014
Facility AQ identifier

	1.	Fuel Name / Characteristics:	NO. 2 OIL
	١.		Fuel name
		Number of fuels for this unit (previous records): 1	1
			DEP Fuel #
How does eDEF handle multiple fuels?	,	Add a NEW fuel: Check the box if you need to add a fuel that you did not report on previously (eDEP will add a blank Sect. B form to your package).  When to NOT check this box?	Delete this fuel: check box if you stopped using this fuel in this unit permanently. You must still report for this year of record even if amount is "0" – the fuel will be removed from the unit in the next report cycle.
		a. Source Classification Code (SCC)	10200501
		(see instructions);	SC Code (call DEP if SC code will not validate)
		(0== mos ==so=m <b>o</b> ).	DIST.OIL- GRADE NO.1 OR NO.2 OIL
			SCC Code Description - filled by eDEP
		b. Type of fuel – check one:	and by GBE
		3,7	☑ no.2 ☐ no.4 ☐ no.6
			☐ diesel ☐ coal ☐ natural gas
		Note: The option to have eDEP calculate your	<u> </u>
		emissions is not available if your fuel type is "other".	☐ jet fuel ☐ other - describe:
			Describe "other" fuel
		c. Sulfur content for oils and coal (0 – 2.2):	.3
		,	Percent by weight
		d. Ash content for oils and coal (0 -10):	0
Note for e:		(	Percent by weight
Enter the			
Maximum Fuel Rate at			
which the		e. Maximum hourly fuel rate for all firing burners:	0.0010 1000 GALLONS
unit can burn		,	Amount Units per hour
fuel (its absolute			Enter "0" if unit decommissioned prior to this Year of Record.
uncontrolled			2.110. Unit documentation from the facility of Records.
design		f. Do you have fuel as ween sections of	
capacity). Do not enter the		f. Do you have fuel or usage restrictions?	yes 🗸 no - skip to question 2
normal		g. DEP approval number for restrictions:	
operation			Most recent for this fuel
rate nor any restricted			
(allowable)			
rate.		h. Annual use restriction (amount or hours);	
		For this fuel	Quantity Units
		i. Short term use restriction (amount or hours):	
		For this fuel	Quantity Units
			Per: month week day hour
			CAUTION: check your amount vs.units
			1.6200 1000 GALLONS
	2.	Annual usage:	a. Amount – year of record b. Units
		Enter "0" if not used in the year of record	1 1000 GALLONS
		•	c. Total annual usage for prior year of record – eDEP only



Bureau of Waste Prevention - Air Quality

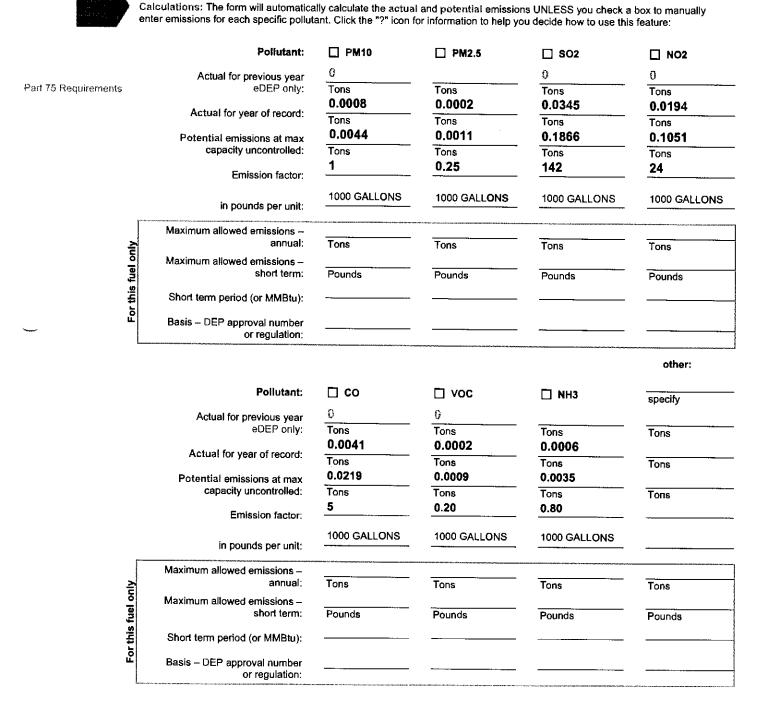
#### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

#### B. Fuels and Emissions (cont.)

3. Total emissions for this fuel only in tons per year:

2008	
Year of record	
3	
DEP EU# (old Point #)	
1191014	
Facility AQ identifier	





## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### R Fuels and Emissions (cont.)

2008	
Year of record	_
3	
DEP EU# (old Point #)	_
1191014	
Facility AQ identifier	_

0.0015		0.1431
a. Typical day VOC emission	s – pounds per day	b. Typical day NOx emissions –pounds per day
check to enter your ow	n values	check to enter your own values
NOTE: The form will estimate own values by checking the b	e the ozone season emíssìor oxes above.	ns for you. However, you may enter your
N		
. Notes and Attac	chments	
		additional information that will help DEP understar
Notes: please include in		additional information that will help DEP understa
Notes: please include in		additional information that will help DEP understa
Notes: please include in		additional information that will help DEP understan
Notes: please include in		additional information that will help DEP understar
Notes: please include in		additional information that will help DEP understar
Notes: please include in		additional information that will help DEP understar
Notes: please include in		additional information that will help DEP understar

#### 2. Attachments:

Check here to submit attachments to this form (e.g., calculations) - add a note in the field above
indicating what is attached. For eDEP on-line filers, this will create a new step on your Current
Submittal Page where you can attach electronic files to your submittal. Please list attachments
that cannot be sent electronically in the notes field above and deliver them to DEP with a paper
copy of this form.



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

Year of record	_
2	
DEP EU# (old Point #)	_
1191014	
Facility AQ identifier	_

2008

#### Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return





How to delete

a unit? (click ?-icon)

A. Equipment	Description
--------------	-------------

	•	
1.	Facility identifiers:	
	SPRAGUE ENERGY	
	a. Facility name	
	275802	1191014
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
2.		
	BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMB	ΓU/HR
	Facility's choice of emission unit name – edit as needed	0
	b. Facility's emission unit number / code – edit as needed	c. DEP emissions unit # – old point #
	Summer of the su	c. DEF emissions unit # – did point #
	d. ORIS ID # - for large electrical utilities only	e. Combined Units – enter number of individual units
3.	DEP approvals - leave blank if not applicable:	
	.,	
	a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)
4.	Is this unit exempt under 310 CMR 7.02 Plan Appr	ovals? ☑ yes ☐ no
_		_, <u>_</u>
5.	If exempt from Plan Approval, indicate reason why	(e.g., cite a specific DEP regulation):
	BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) 7 AND 15	
	Reason for exemption	
6.	Emission unit installation date and decommission of	date:
	2/1/1964	
	a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable
7.	Emission unit replacement:	Complete only if the unit was shutdown permanently or replaced since the last report.
	a. Is this unit replacing another emission unit?	, ·
	✓ no	
	yes - enter DEF's emission unit nu	mber and name for the unit being replaced below:
	b. DEP's emission unit number and facility unit name	
8.	Additional state reporting requirements:	
	a. Are there other routine air quality reporting requi	rements for this emissions unit?
	yes - specify reporting frequency below	☑ no – skip to question 8c
	b. Reporting frequency - check all that apply:	
	☐ 1. Monthly ☐ 2. Quarterly ☐ 3. Semi-annua	al ☐ 4. Annual ☐ 5. RES
	(include Operating Permit and Plan Approval reports, but not exi	<del></del>
	c. Is this unit subject to (check all that apply):	
	☐ NESHAP ☐ NSPS ☐ MACT	



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

### A. Equipment Description (cont.)

2008
Year of record
2
DEP EU# (old Point #)
1191014
Facility AQ identifier

	9.	Equipment:			
How to report on combined units 7		a. Type: 🛮 boiler 🔲 furnace 📗	engine  oth	ner: Describe "other" e	cuinment type
		If engine, is this an emergency ger	ierator? 🔲 yes	no Describe officire	daibment rybe
		YORK SHIPLEY		SPL200-6	
		b. Manufacturer	\ <del>-</del>	c. Model number	
		7.9000		1	
What to do		d. Max input rating MMBtu/hr (enter "0" if no	t applicable)	e. Number of burners	(enter "0" if not applicable)
if data unknown or		f. Type of burner – check one:	☐ rotary	mech. atomize	er
not available ?			air atomizer	☐ traveling grate	hand fired
			other:		
				"other" burner type	
		UNKNOWN		NBC 63103	***
		g. Burner manufacturer 2/1/1964		h. Burner model numb	er
		i. Burner installation date (mm/dd/yyyy)			
	10.	Hours of operation for the emission 24	unit: a. □ cl	heck if continuousl	y operated – 24 x 7 x 52
			c. Number of days pe	er week	d. Number of weeks per year
		·			' '
		e. Percent of total annual operation		ich calendar quart	er:
		$\frac{50}{Q1}$ $\frac{10.0}{Q2}$ $\frac{10.0}{Q3}$	30.0	Sum of Q1+Q2+Q3+Q	Q4 must = 100%, not operated for any quarter
		<del>-</del> -	Q4		iot operated tor any quarter
	11.	Ozone season operation schedule	<ul><li>May 1 through</li></ul>	September 30:	
		24	7		9
		Ozone season hours per day	b. Ozone season day	ys per week	c. Weeks operated in ozone season
	12.	Emission release point – select one	<b>):</b> Eng	ines click here for instr	uctions:
		Non-Stack Release Points:	P	hysical Stacks:	
		☐ fugitive ☐ horizontal ver	l _	vertical stack	
		engine exh. downward fac	ing vent	vertical with rain	cap/sleeve
		vertical stack/vent less than 10	Oft		
		If Non-Stack release point, skip to question	n 14.		
	13.	Link this unit to a physical stack (if a	applicable) – pick	from the list below	<i>r</i> :
		2 1 STACK - BOILER #2-YORK-S	HIPLEY		
		Facility's stack identifier from STACK form -	to change stack nam	ne use STACK form	

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing to this form.



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

### A. Equipment Description (cont.)

2008	
Year of record	_
2	
DEP EU# (old Point #)	
1191014	
Facility AQ identifier	

14	. Is there a pollution control device	Check here if you need to report mor than 3 air pollution control devices or		
How to delete a control ?	yes – answer a through i	no – skip to question 15	this unit. eDEP will add another page of control devices after this form.	
	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3	
	a. Type			
_	а. туре	Туре	Туре	
Do not leave blank – if unknown	b. Manufacturer	Manufacturer	Manufacturer	
write 'unknown' or	c. Model number	Model number	Model number	
estimate	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device	
>	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	
Leave f, g, h	f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)	
applicable.	g. DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	
	h. Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	
	i. Percent overall efficiency - er	nter for all pollutants that the device	was designed to control:	
PM 10				
PM 2.5	% Overall eff.	% Overall eff.	% Overall eff.	
SO2	% Overall eff.	% Overall eff.	% Overall eff.	
co	% Overall eff.	% Overall eff.	% Overall eff.	
	% Overall eff.	% Overall eff.	% Overall eff.	
VOC	% Overall eff.	% Overall eff.	% Overall eff.	
NO2	% Overall eff.	% Overall eff.	% Overall eff.	
NH3	% Overall eff.	% Overall eff.	% Overall eff.	
HOC	% Overall eff.	% Overall eff.	% Overall eff.	
HYC				
Hg	% Overall eff.	% Overall eff.	% Overall eff.	
Pb	% Overall eff.	% Overall eff.	% Overall eff.	
	% Overall eff.	% Overall eff.	% Overall eff.	
Other	% Overall eff.	% Overall eff.	% Overall eff.	
	Specify "Other"	Specify "Other"	Specify "Other"	



Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

### A. Equipment Description (cont.)

15. Is there monitoring equipment on this unit or its related control devices?

How to defete ves - answer a through no - skip to section B a monitor? Monitor 1 Monitor 2 Monitor 3 a. Monitor type: check only one: check only one: check only one: CEM □ CEM Opacity Opacity Opacity number - describe: other - describe: other - describe: Do not leave blank -Describe "other" Describe "other" Describe "other" if unknown write b. Manufacturer: 'unknown' or estimate c. Model number: d. Monitor ID #: Facility's Designation Facility's Designation Facility's Designation e. Installation date: (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) f. DEP approval #: Leave g. DEP approval date: f, g, h blank if not (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) applicable. h. Decommission date: (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) i. Recorder? ☐ yes ☐ no ☐ yes ☐ no ☐ yes ☐ no j. Audible alarm? ☐ yes ☐ no ☐ yes ☐ no ☐ yes ☐ no k. Data system? ☐ yes ☐ no ☐ yes ☐ no ☐ yes ☐ no I. Monitored pollutants PM 10 7 PM 10 PM 10 (check all that apply): PM 2.5 PM 2.5 PM 2.5 SO<sub>2</sub> SO<sub>2</sub> **SO2** CO CO CO VOC VOC VOC NO<sub>2</sub> NO<sub>2</sub> NO<sub>2</sub> NH3 NH3 NH3 Mercury Mercury Mercury Oxygen Oxygen Oxygen CO2 CO<sub>2</sub> CO<sub>2</sub> ] H2S H2S H2S HCL HCL HCL Opacity Opacity Opacity other - describe: other – describe: other - describe: Describe "other" Describe "other" Describe "other"

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2008 Year of record

1191014

DEP EU# (old Point #)

Facility AQ identifier



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### **B. Fuels and Emissions**

2
DEP EU# (old Point #)
1191014
Facility AQ identifier

2008

Year of record

	4	Evel Name / Characteristics	NO. 2 OIL
	1.	Fuel Name / Characteristics:	Fuel name
		Number of fuels for this unit (previous records): 1	1
			DEP Fuel #
How does eDEI handle multiple fuels?	P	Add a NEW fuel: Check the box if you need to add a fuel that you did not report on previously (eDEP will add a blank Sect. B form to your package).  When to NOT check this box ?	Delete this fuel: check box if you stopped using this fuel in this unit permanently. You must still report for this year of record even if amount is "0" – the fuel will be removed from the unit in the next report cycle.
		a. Source Classification Code (SCC)	10200501
		(see instructions):	SC Code (call DEP if SC code will not validate)
		(**************************************	DIST.OIL- GRADE NO.1 OR NO.2 OIL
			SCC Code Description - filled by eDEP
		b. Type of fuel – check one:	,
		71	
			🔲 diesel 🔲 coal 📗 natural gas
		Note: The option to have eDEP calculate your	
		emissions is not available if your fuel type is "other".	☐ jet fuel ☐ other - describe:
			Describe "other" fuel
		c. Sulfur content for oils and coal (0 - 2.2):	.3
			Percent by weight
		d. Ash content for oils and coal (0 -10):	1
Note for e:		,	Percent by weight
Enter the			, ,
Maximum Fuel Rate at			•
which the		e. Maximum hourly fuel rate for all firing burners:	0.0560 1000 GALLONS
unit can burn		or weathern though the rate for all thing builders.	Amount Units per hour
fuel (its			Enter "0" if unit decommissioned prior to this Year of Record.
absolute uncontrolled			Enter o a dan decommissioned prior to this 1 day of redcord.
design			_
capacity). Do		f. Do you have fuel or usage restrictions?	yes 🔽 no - skip to question 2
not enter the		g. DEP approval number for restrictions:	
operation			Most recent for this fuel
rate nor any			
restricted (allowable)			
rate.		h. Annual use restriction (amount or hours):	
		For this fuel	Quantity Units
		i. Short term use restriction (amount or hours):	
		For this fuel	Quantity Units
			Per: month week day hour
			<del>_</del> , <del>_</del>
			CAUTION: check your amount vs.enits
	_		21.0000 1000 GALLONS
	2.	Annual usage:	a. Amount – year of record b. Units
		Enter "0" if not used in the year of record	3 1000 GALLONS
		·	c. Total annual usage for prior year of record – eDEP only



Part 75 Requirements

#### **Massachusetts Department of Environmental Protection**

Bureau of Waste Prevention - Air Quality

### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

#### B. Fuels and Emissions (cont.)

3.	Total emissions	for this fu	el <b>only</b> in tons per year:	
----	-----------------	-------------	----------------------------------	--

2008
Year of record
2
DEP EU# (old Point #)
1191014
Facility AO identifier

Pollutant: □ PM10 ☐ PM2.5 □ SO2 ☐ NO2 0 0 0 Actual for previous year eDEP only: Tons Tons Tons Tons 0.0105 0.0026 0.4473 0.2520 Actual for year of record: Tons Tons Tons Tons 0.2453 0.0613 10.4489 5.8867 Potential emissions at max capacity uncontrolled: Tons Tons Tons Tons 142 1 0.25 24 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions -Tons Tons Tons annual: Tons For this fuel only Maximum allowed emissions short term: Pounds Pounds Pounds Pounds Short term period (or MMBtu): Basis - DEP approval number or regulation: other: Pollutant: □ co □ voc □ NH3 specify Actual for previous year eDEP only: Tons Tons Tons Tons 0.0525 0.0021 0.0084 Actual for year of record: Tons Tons Tons Tons 1.2264 0.0491 0.1962 Potential emissions at max cepacity uncontrolled: Tons Tons Tons Tons 0.20 0.80 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions annual: Tons Tons Tons Tons For this fuel only Maximum allowed emissions short term: Pounds Pounds Pounds **Pounds** Short term period (or MMBtu): Basis - DEP approval number or regulation;

Calculations: The form will automatically calculate the actual and potential emissions UNLESS you check a box to manually enter emissions for each specific pollutant. Click the "?" icon for information to help you decide how to use this feature:



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

В.	Fuale	and	<b>Emissions</b>	(cont )
₩.	I UCIO	ullu		100111.1

2008
Year of record
2
DEP EU# (old Point #)
1191014
Facility AQ identifier

4.	Ozone season emissions – May 1 through Septem  0.0111  a. Typical day VOC emissions – pounds per day	
		4.0000
	a. Typical day VOC emissions – pounds per day	1.3280
		b. Typical day NOx emissions -pounds per day
	check to enter your own values	check to enter your own values
	<b>NOTE</b> : The form will estimate the ozone season emissions for own values by checking the boxes above.	you. However, you may enter your
C.	Notes and Attachments	
1.	<b>Notes:</b> please include in the space below any add your submission.	itional information that will help DEP understand
2.	Attachments:	
	indicating what is attached. For eDEP on-line in Submittal Page where you can attach electron	(e.g., calculations) – add a note in the field above filers, this will create a new step on your Current ic files to your submittal. Please list attachments field above and deliver them to DEP with a paper



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

2008
Year of record
1
DEP EU# (old Point #)
1191014
Facility AQ identifier

Important:
When filling
out forms on
the computer,
use only the
tab key to
move your
cursor - do not
use the return





How to delete a unit? (click ?-icon)

A. Equipme	nt Description
------------	----------------

,	Equipment Sesonbuon	
1.	Facility identifiers:	
	SPRAGUE ENERGY	
	a. Facility name 275802	4404044
	b. DEP Account number	1191014  c. Facility AQ identifier – SSEIS ID number
2.	Emission unit identifiers:	or com, regional objects to nonloca
۷.	BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HF	2 #2 OII
	a. Facility's choice of emission unit name – edit as needed	K #2 OIL-0.3
	1	1
	b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # old point #
	d. ORIS ID # - for large electrical utilities only	e. Combined Units enter number of individual units
3.	DEP approvals – leave blank if not applicable:	
	MA026149	3/19/2009
	a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)
4.	Is this unit exempt under 310 CMR 7.02 Plan Appl	rovals? ☐ yes ☑ no
	• •	_, <u>_</u>
5.	If exempt from Plan Approval, indicate reason why	/ (e.g., cite a specific DEP regulation):
	Reason for exemption	
	·	
0.	Emission unit installation date and decommission	date:
	1/1/1991 a. Installation date – estimate if unknown (mm/dd/yyyy)	L December 1 and 1
	Emission unit replacement:	<ul> <li>b. Decommission date (mm/dd/yyyy) – if applicable</li> <li>Complete only if the unit was shutdown permanently or</li> </ul>
		replaced since the last report.
	a. Is this unit replacing another emission unit?	
	☑ no ☐ yes – enter DEP's emission unit nu	imber and name for the unit being replaced below:
		moor and name for the unit being replaced below.
		ambot and hame for the drift being replaced below.
	b. DEP's emission unit number and facility unit name	and the fact the drift being replaced below.
	·	and the fact the drift being replaced below.
8.	·	
8.	Additional state reporting requirements:	
8.	Additional state reporting requirements:  a. Are there other routine air quality reporting requ	irements for this emissions unit ?
В.	Additional state reporting requirements:  a. Are there other routine air quality reporting requirements requirements.  yes - specify reporting frequency below  b. Reporting frequency - check all that apply:	irements for this emissions unit ? ☑ no – skip to question 8c
В.	Additional state reporting requirements:  a. Are there other routine air quality reporting requirements.  yes - specify reporting frequency below	irements for this emissions unit ? ☑ no – skip to question 8c
В.	Additional state reporting requirements:  a. Are there other routine air quality reporting requirements.  yes - specify reporting frequency below  b. Reporting frequency - check all that apply:  1. Monthly 2. Quarterly 3. Semi-annual	irements for this emissions unit ? ☑ no – skip to question 8c



# **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

### A. Equipment Description (cont.)

2008	
Year of record	
1	
DEP EU# (old Point #)	_
1191014	
Facility AO identifier	

	9.	Equipment:							
How to report on combined units?		a. Type: 🔽	boiler 🗌	furnace	☐ engine ☐ ot				
anno :		If engine, is	this an eme	ergency ge	nerator? yes	Describe "other" equipment of no	nent type		
		HODGE/SC	ОТСН			UNKNOWN			
		b. Manufacture	er		1	c. Model number	-		
		10.6500				1			
		d. Max input ra	ating MMBtu/hr	(enter "0" if n	ot applicable)	e. Number of burners (ente	er "0" if not applicable)		
What to do f data				_	_	_			
ınknown or		f. Type of bu	urner – chec	k one:	☐ rotary	🛮 mech. atomizer	☐ steam atomizer		
ot available ?					air atomizer	· ☐ traveling grate	☐ hand fired		
					other:				
					_	"other" burner type			
		WEBSTER				AE-1761120			
		g. Burner manu 1/1/1991	ufacturer			h. Burner model number	, , , , , , , , , , , , , , , , , , , ,		
		i. Burner install	lation date (mn	n/dd/www)					
				(4.6.) , , , , , ,					
	10.	Hours of ope	eration for th	ne emissioi	n unit: a.	heck if continuously op	erated – 24 x 7 x 52		
		b. Number of h	ours per day		c. Number of days pe	39			
			-		- •	· · · ·	ımber of weeks per year		
			if total annua	al operation	n that occurs in ea	ach calendar quarter:			
		50.0	10.0	10.0	30.0	Sum of Q1+Q2+Q3+Q4 mu	ıst = 100%,		
		Q1	Q2	Q3	Q4	or 0% if the unit was not op	erated for any quarter		
	11.	1. Ozone season operation schedule – May 1 through September 30:							
				i Scrieudie	- May 1 through.	Sentember 30:			
			or operation	i scriedule	– May 1 through				
		24			7	9			
					- May 1 through  7 b. Ozone season day	9	eks operated in ozone season		
		24			7	9	eks operated in ozone season		
	12.	a. Ozone seaso	on hours per da	yy .	b. Ozone season day	ys per week 9 c. We			
	12.	24	on hours per da	yy .	b. Ozone season day	9			
	12.	a. Ozone seaso	on hours per da	- select one	b. Ozone season day	ys per week 9 c. We			
	12.	a. Ozone seaso	iease point –	select one	b. Ozone season day	ys per week c. We			
	12.	a. Ozone seaso Emission rel Non-Stack fugitive	ease point –	- select one pints: rizontal ver wnward fac	b. Ozone season day  Erig  P  ot  cing vent	ys per week c. We  c. We  whysical Stacks:  vertical stack	s:		
	12.	a. Ozone seaso Emission rel Non-Stack fugitive	iease point –	- select one pints: rizontal ver wnward fac	b. Ozone season day  Erig  P  ot  cing vent	ys per week c. We	s:		
	12.	a. Ozone seaso  Emission rel  Non-Stack  fugitive engine vertical	iease point –  Release Po hor hor dov	select one pints: rizontal ver wnward facess than 10	b. Ozone season day  Eng  Pot sing vent  Oft	ys per week c. We  c. We  whysical Stacks:  vertical stack	s:		
		a. Ozone seaso  Emission rel  Non-Stack  fugitive engine vertical  If Non-Stack	iease point –  Release Poeth of the control of the	ess than 16	b. Ozone season day  e: Eng  P  ont cing vent Oft	ys per week c. We  dines click here for instruction  hysical Stacks:  vertical stack vertical with rain cap/	s:		
		a. Ozone seaso  Emission rel  Non-Stack  fugitive engine vertical  If Non-Stack	ease point –  Release Poet hor exh. do stack/vent lease point, sto a physical	eselect one points; rizontal ver wnward fact ess than 10 skip to questical stack (if a	b. Ozone season day  e: Eng  P  ont bing vent oft  on 14.  applicable) – pick	ys per week c. We  c. We  whysical Stacks:  vertical stack	s:		
	13.	a. Ozone seaso  Emission rel  Non-Stack  fugitive  engine  vertical  If Non-Stack Link this unit 1 1 STACK	iease point –  Release Poexh.  down stack/vent lease point, sto a physica – BOILER #	ess than 10 skip to questical stack (if a 1-HODGE)	b. Ozone season day  e: Eng  P  ont bing vent oft  on 14.  applicable) – pick	ys per week  c. We  c.	s:		

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing to this form.



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

### A Equipment Description (cont.)

	14. Is there a pollution control device	` '	Check here if you need to report more
ete	yes – answer a through i	☑ no – skip to question 15	than 3 air pollution control devices on this unit. eDEP will add another page of control devices after this form
	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
	a. Type	Туре	Туре
	b. Manufacturer	Manufacturer	Manufacturer
	c. Model number	Model number	Model number
	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device
	e. Installation date (mm/dd/yyyy) XXXXXXX	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
	f. DEP approval # (most recent) 1/1/2001	DEP approval # (most recent) 1/1/2001	DEP approval # (most recent) 1/1/2001
	g. DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
	h. Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)
2.5	% Overall eff.	% Overall eff.	% Overall eff.
2	% Overall eff.	% Overall eff.	% Overall eff.
		% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
,	% Overall eff.	% Overall eff.	% Overall eff.
b	% Overall eff.	% Overall eff.	
ner			% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.

2008 Year of record

1191014

DEP EU# (old Point #)

Facility AQ identifier



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

### A. Equipment Description (cont.)

15. Is there monitoring equipment on this unit or its related control devices?

How to delete yes – answer a through I on – skip to section B a monitor? Monitor 1 Monitor 2 Monitor 3 a. Monitor type: check only one: check only one: check only one: □ СЕМ ПСЕМ □ Opacity Opacity □ Opacity Other - describe: other - describe: other - describe: Do not leave blank -Describe "other" if unknown Describe "other" Describe "other" write b. Manufacturer: 'unknown' or estimate c. Model number: d. Monitor ID #: Facility's Designation Facility's Designation Facility's Designation e. Installation date: (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) f. DEP approval #: Leave g. DEP approval date: f. g, h blank if not (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) applicable. h. Decommission date: (mm/dd/yyyy) (mm/dd/yyyy) (mm/dd/yyyy) i. Recorder? yes □ no ☐ yes ☐ no ☐ yes ☐ no j. Audible alarm ? ☐ yes ☐ no ☐ yes ☐ no ☐ yes ☐ no k. Data system? ☐ yes ☐ no ☐ yes ☐ no ☐ yes ☐ no I. Monitored pollutants ] PM 10 PM 10 PM 10 (check all that apply); PM 2.5 PM 2.5 PM 2.5 SO2 **SO2** SO<sub>2</sub> CO CO CO VOC | VOC lvoc NO<sub>2</sub> NO2 NO2 NH3 NH3 NH3 Mercury Mercury Mercury Oxygen Oxygen Oxygen CO<sub>2</sub> CO2 CO<sub>2</sub> H2S ] H2S H2S HCL HCL HCL ] Opacity Opacity Opacity other - describe: other - describe: other – describe: Describe "other" Describe "other" Describe "other"

2008

Year of record

1191014 Facility AQ identifier

DEP EU# (old Point #)



# **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

#### **B. Fuels and Emissions**

1
DEP EU# (old Point #)
1191014
Facility AQ identifier

2008 Year of record

	1.	Fuel Name / Characteristics:	NO. 2 OIL
	٠.		Fuel name
		Number of fuels for this unit (previous records): 1	1
			DEP Fuel#
How does eDEP handle multiple fuels?	0	Add a NEW fuel: Check the box if you need to add a fuel that you did not report on previously (eDEP will add a blank Sect. B form to your package).	Delete this fuel: check box if you stopped using this fuel in this unit permanently. You must still report for this year of record even if amount is "0" — the fuel will be removed from the unit in the next report cycle.
		When to NOT check this box ?	во јелочео поти ше апи и и нех терот суств.
		a. Source Classification Code (SCC)	10200501
		(see instructions):	SC Code (call DEP if SC code will not validate)
			DIST.OIL- GRADE NO.1 OR NO.2 OIL
		b. Type of fuel – check one:	SCC Code Description – filled by eDEP
		b. Type of fact - check one.	☑ no.2 ☐ no.4 ☐ no.6
			☐ diesel ☐ coal ☐ natural gas
		Note: The option to have eDEP calculate your	
		emissions is not available if your fuel type is "other".	☐ jet fuel ☐ other - describe:
			Describe "other" fuel
		c. Sulfur content for oils and coal $(0 - 2.2)$ :	0.3000
			Percent by weight
		d. Ash content for oils and coal (0 -10):	0
Note for e:		,	Percent by weight
Enter the Maximum			
Fuel Rate at			
which the unit can burn		Maximum hourly fuel rate for all firing burners:	0.0750 1000 GALLONS
fuel (its			Amount Units per hour
absolute			Enter "0" if unit decommissioned prior to this Year of Record.
uncontrolled design			
capacity). Do		f. Do you have fuel or usage restrictions?	yes no - skip to question 2
not enter the normal		g. DEP approval number for restrictions:	<del>-</del>
operation		B' =	Most recent for this fuel
rate nor eny restricted			
(allowable)			
rate.		h. Annual use restriction (amount or hours):	
		For this fuel	Quantity Units
		<ol> <li>Short term use restriction (amount or hours): For this fuel</li> </ol>	
		T of this (doi	Quantity Units
			Per: month week day hour
			CAUTION: check your amount vs.units
	2	Annual usage:	84.2600 1000 GALLONS
		•	a. Amount – year of record b. Units
		Enter "0" if not used in the year of record	24 1000 GALLONS
			<ul> <li>Total annual usage for prior year of record – eDEP only</li> </ul>



Bureau of Waste Prevention - Air Quality

### BWP AQ AP-1

Emission Unit - Fuel Utilization Equipment

### B. Fuels and Emissions (cont.)

Total emissions for this fuel only in tons per year:

2008
Year of record
1
DEP EU# (old Point #)
1191014
Eacility AO identifier

Pollutant: □ PM10 ☐ PM2.5 ☐ SQ2 ☐ NO2 0 0 Actual for previous year Part 75 Requirements eDEP only: Tons Tons Tons Tons 0.0421 0.0105 1.7947 1.0111 Actual for year of record: Tons Tons Tons Tons 0.3285 0.0821 13.9941 7.8840 Potential emissions at max capacity uncontrolled: Tons Tons Tons Tons 1 0.25 142 24 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions annual: Tons Tons Tons Tons For this fuel only Maximum allowed emissions short term: Pounds Pounds **Pounds** Pounds Short term period (or MMBtu): MA026149 MA026149 MA026149 MA026149 Basis - DEP approval number or regulation: other: Pollutant: □ co □ voc ■ NH3 specify 0 Actual for previous year eDEP only: Tons Tons Tons Tons 0.2107 0.00840.0337 Actual for year of record: Tons Tons Топв Tons 1.6425 0.0657 Potential emissions at max 0.2628 capacity uncontrolled: Tons Tons Tons Tons 0.20 0.80 Emission factor: 1000 GALLONS 1000 GALLONS 1000 GALLONS in pounds per unit: Maximum allowed emissions annual: Tons Tons Tons Tons For this fuel only Maximum allowed emissions short term: Pounds Pounds Pounds Pounds Short term period (or MMBtu); MA026149 MA026149 MA026149 Basis - DEP approval number or regulation:

Calculations: The form will automatically calculate the actual and potential emissions UNLESS you check a box to manually enter emissions for each specific pollutant. Click the "?" icon for information to help you decide how to use this feature:



## **BWP AQ AP-1**

Emission Unit - Fuel Utilization Equipment

### Fuels and Emissions (cont.)

2008	
Year of record	
1	
DEP EU# (old Point #)	
1191014	
Facility AQ identifier	

U	.0443	5.3283
a.	. Typical day VOC emissions – pounds per day	b. Typical day NOx emissions -pounds per day
	check to enter your own values	check to enter your own values
N: OV	OTE: The form will estimate the ozone season emis wn values by checking the boxes above.	sions for you. However, you may enter your
). N	Notes and Attachments	
. <b>N</b>	<b>lotes</b> : please include in the space below a our submission.	ny additional information that will help DEP understand

_					_
2.	Αtt	tac	hm	en	ts:

Ш	Check here to submit attachments to this form (e.g., calculations) – add a note in the field above
	indicating what is attached. For eDEP on-line filers, this will create a new step on your Current
	Submittal Page where you can attach electronic files to your submittal. Please list attachments
	that cannot be sent electronically in the notes field above and deliver them to DEP with a paper
	copy of this form.

# **BWP AQ AP-2**

Emission Unit - Process Description

2008 Year of record 17 DEP EU# (old Point #) 1191014 Facility AQ identifier

Important:
When filling
out forms on
the computer,
use only the
tab key to
move your
cursor - do no
use the return
key.
PRINTED TO

1.	Facility identifiers:			
	SPRAGUE ENERGY			
	a. Facility name			
	275802	1191014		
	b. DEP Account number	c. Facility AQ identifier SSEIS ID number		
2.	Emission unit identifiers:			
	LOADING #2-BARGES DISTILLATES			
	a. Facility's choice of emission unit name - edit as needed			
	17	_17		
	b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # (old SSEIS Point #)		
	d. Combined Units - enter number of individual units			
3.	DEP approvals - leave blank if not applicable:			
	a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)		
		and (minasty),		
4.	Is this unit exempt under 310 CMR 7.02 Plan Appro	vals ? [☑] yes		
5.	If exempt from Plan Approval, indicate reason why (	e a cite a specific DEP regulation):		
		c.g., one a specific DEI Tegulation).		
	BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B) Reason for exemption			
	reason to exemption			
6.	Equipment manufacturer and model number and type	oe:		
	NOT APPLICABLE	UNKNOWN		
	a. Manufacturer	b. Model number		
	NOT APPLICABLE			
	c. Equipment Type			
_				
7.	Emission unit installation and decommission dates:			
	1/1/1991			
	a. Installation date - estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable		
		Complete only if the unit was shut down permanently		
		or replaced since the last report.		

How to report on combined units?

How to delete a unit ? (click ?-lcon)

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-2**

Emission Unit - Process Description

2008	
ear of record	
17	
DEP EU# (old Point #)	
1191014	
goility AO identifier	

## A. Emission Unit - Process Description (cont.)

8.	Emission unit replacement:				
	a. Is this unit replacing another emission unit?				
	☑ no ☐ yes – enter DEP' s emiss	ions unit number for the un	it being replaced below:		
	DEP's emission unit number and facility unit name	<u>.</u>	7 h 17 h 18 h 19		
9.	Additional state reporting requirements:				
	a. Are there other routine air quality report	ing requirements for this er	missions unit ?		
	yes – specify reporting frequency below	w ☑ no – skip to	question 9c		
	b. Reporting frequency – check all that ap	pply:			
	☐ Monthly ☐ Quarterly ☐ Semi-annu	ual ☐ Annual ☐ RES			
	(include Operating Permit and Plan Approval reports	s, but not exceedance reporting)			
	c. Is this unit subject to (check all that app				
	□ NESHAP □ NSPS □ MACT	,			
10.	Hours of operation for the emission unit:	a Check if continuous	shy apparated 24 v 7 v 52		
	24		52		
	b. Number of hours per day c. Number	er of days per week	d. Number of weeks per year		
	e. Percent of total annual operation that oc	curs in each calendar quar	ter:		
	$\frac{25.0}{Q1}$ $\frac{25.0}{Q2}$ $\frac{25.0}{Q3}$ $\frac{25}{Q4}$	(or 0% if the unit wa	s not operated for any quarter)		
11.	Ozone season schedule - May 1 through	September 30:			
	24 7		22		
	a. Ozone season hours per day b. Ozone	season days per week	c. Weeks operated in ozone season		
12.	Emission release point – select one:				
	Non-Stack Release Points:	Physical Stacks:			
		vertical stack			
	gooseneck downward facing ven		n cap/sleeve		
	vertical stack/vent less than 10ft	****			
וח	If Non-Stack release point, skip to question 14.				
-	Link this unit to a physical stack (if applicat	\la\ mintefrance the !!-t!			

Facility's stack identifier from STACK form- to change stack name use the STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing this form.

## **BWP AQ AP-2**

Emission Unit - Process Description

2008	
Year of record	
17	
DEP EU# (old Point #)	
1191014	
Facility AO identifier	

### A. Emission Unit - Process Description (cont.)

	14. Is there monitorin ☐ yes – answer	ng equipment on this emissi a through l ☑ no – s	ons unit or its related control kip to Question 15	devices?
How to delete monitor	a	Monitor 1	Monitor 2	Monitor 3
	a. Monitor type:	check only one:	check only one:	check only one:
Do not leave blank if unknown write		CEMs opacity fuel flow meter time recorder temperature recorder pressure other – describe:	CEMs opacity fuel flow meter time recorder temperature recorder pressure other – describe:	CEMs opacity fuel flow meter time recorder temperature recorder pressure other – describe:
' unknown' or estimate	b. Manufacturer:	Describe " other"	Describe " other"	Describe " other"
	c. Model #;			
	d. Monitor ID #:	Facility s Designation	Facility's Designation	
	e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	Facility s Designation
	f. DEP approval #:		(пппиаа/уууу)	(mm/dd/yyyy)
Leave f, g, h blank if not applicable,	g. DEP approval date:	(mm/dd/yyyy)	<i>t</i>	
дриковоло,	h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
	i. Recorder?	□ yes □ no	(mm/dd/yyyy) ☐ yes ☐ no	(mm/dd/yyyy) □ yes □ no
	j. Audible alarm ?	□ yes □ no	☐ yes ☐ no	□ yes □ no
	k. Data system ?	☐ yes ☐ no	☐ yes ☐ no	□ yes □ no
	Monitored pollutants - check all that apply:	PM-10 PM-2.5 SO2 CO NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	☐ PM 10 ☐ PM 2.5 ☐ SO2 ☐ CO ☐ VOC ☐ NO2 ☐ NH3 ☐ Mercury ☐ Oxygen ☐ CO2 ☐ H2S ☐ HCL ☐ Opacity ☐ other – describe:	□ PM 10 □ PM 2.5 □ SO2 □ CO □ VOC □ NO2 □ NH3 □ Mercury □ Oxygen □ CO2 □ H2S □ HCL □ Opacity □ other – describe:
		Describe " other"	Describe " other"	Describe " other"

## **BWP AQ AP-2**

Emission Unit - Process Description

2008	
Year of record	
17	
DEP EU# (old Point #)	
1191014	
Facility AQ identifier	

## A. Emission Unit - Process Description (cont.)

	<ol> <li>Are there air pollution control de</li> </ol>	evices on this emissions unit?	Check here if you need to report more than 3 air pollution control devices on	
How to delete a control	yes – answer a through i	✓ no – skip to Section B	this unit. eDEP will add another page of control devices after this form.	
	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3	
:	а Туре	Туре	Туре	
Do not leave blank – if unknown	b. Manufacturer	Manufacturer	Manufacturer	
write ' unknown' o	c. Model number	Model number	Model number	
countage	d. Facility's ID for this device	Facility's ID for this device	Facility's ID for this device	
	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	
Leave f, g, h	f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)	
blank if not applicable.	g DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	
( )	h. Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	
PM 2.5	% Overall eff.  % Overall eff.	% Overall eff.	% Overall off.	
PM 2.5	% Overall eff;	% Overall eff.	% Overall eff.	
SO2	% Overall eff	% Overall eff.	% Overall eff.	
co			76 UVETAII SIT	
VOC	% Overall eff.	% Overall eff.	% Overall eff.	
NO2	% Overall eff	% Overall eff.	% Overall eff.	
NH3:	% Overall eff	% Overall eff.	% Overall eff.	
HOC	% Overall eff.	% Overall eff.	% Overall eff,	
HYC	% Overall eff.	% Overall eff.	% Overall eff.	
:.t	% Overall eff.	% Overall eff.	% Overall eff:	
Hg	% Overall eff.	% Overall eff.	% Overall eff.	
Pb	% Overall eff.	% Overall eff.	% Overall eff.	
Other			A CONTRACTOR OF THE STATE OF TH	
:	% Overall eff.	% Overall eff.	% Overall eff.	
	Specify " Other"	Specify " Other"	Specify " Other"	

## **BWP AQ AP-2**

Emission Unit - Process Description

2008
Year of record
17
DEP EU# (old Point #)
1191014
Facility AO identifier

### P. Emissions for Day Metarials/Finish

		Add a NEW material / product: Check the box if you need to add a material or product that you did not report on previously (eDEP will add a blank Sect. B form to your package).	unit permanently. You mu of record even if amount in	duct: check the box if you all or making this product in this ust still report data for this year s " 0" — tha material / product unit in the next report cycle.
	1.	Operation description:	NO. 2 LOADING FROM BARGES	
How does eDEP handle multiple raw materials or finished products ?		a. Raw material or finished product name: Number of segments for this unit (previous records): 1 b. Is material/product an input or output? c. Process description:	☑ input ☐ output	1 DEP#
<b>,</b>		d. Source Classification Code (SCC): (see instructions)	A0600251 SC Code (call DEP if SC Code will not validate) PETROLEUM MARKTNG DIST OIL TANKER	
		e. Maximum process rate for material/product:	SCC Description – filled by eD  0.0000  Amount	GALLONS Units per hour
Note: Definition of Maximum process rate		f. If organic material, give weight % of:	Voc	НОС
		g. Total actual raw material used or finished product produced for year of record:	HYC 0.0000 Amount 11	1000 GALLONS Units
		Enter * 0" if not used in the year of record	Prior year – eDEP only	1000 GALLONS Units prior year
		h. Do you have raw material or finished product restrictions?	☐ yes   ☑ no – skip	to question 1.I
		i. DEP approval number for restrictions:	Most recent approval number f	or this material or product
		<ul><li>j. Short term raw material/finished product restriction – if none, leave blank:</li></ul>	Quantity (amount or hours)	Units
			Per: month wee	k □ day □ hour
		<ul><li>k. Annual material/product restriction</li><li>if none, leave blank:</li></ul>	Quantity (amount or hours)	Units
		I. Indicate which air pollution control devices from Section A, Question 15 control this material/product by listing the facility-	Device ID#	Device ID #
		designated control device ID # for each unit that applies:	Device ID #	Device ID #
		How to make a new air pollution control device appear in these drop menus?		Device ID # ution control devices on the product
	1	09/19/05	BWP AQ AP-2 Emission Unit -	•

Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-2**

Emission Unit - Process Description

2008 Year of record 17 DEP EU# (old Point #) 1191014 Facility AQ identifier

### B. Emissions for Raw Materials/Finished Products (cont.)

2. Total emissions for this material/product - tons per year:

important:	Pollutant	PM10	PM2.5	SO2	NO2	co
Leaving blanks for Actual and Potential	A - for all form a months of the contract	0		0	0	0
emissions means that you are certifying that	Actual for previous year eDEP only:	Tons	Tons	Tons	Tons	Tons
there were less than	ŕ		10110	10/10	1000	Tona
0.0001 (or zero) tons of emissions for each	Actual for year of record:	Tons	Tons	Tons	Tons	Tons
blank.	Potential emissions at maximum					
	capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Emission factor:	0			0	0
	In pounds per unit::	1000 GALLONS		1000 GALLONS	1000 GALLONS	1000 GALLONS
<b>.</b> .	Max allowed – annual:	T	TO THE TOTAL OF THE STATE OF TH		arin francisco mangarapp (1-35) (1-35) (1-35) (1-35) (1-35) (1-35) (1-35) (1-35) (1-35) (1-35) (1-35) (1-35) (1-35)	
iai √ Zerai		Tons	Tons	Tons	Tons	Tons
For this material or product only (leave blank if none)	Max allowed — short term:	Pounds	Pounds	Pounds	Pounds	Pounds
this prodi	Short term period:				<del> </del>	
For	Basis: DEP approval number or regulation:	<del></del>				
$\overline{}$			**************************************			Other:
important:						Cilion.
Reporting now required for	Pollutant	VOC	HOC	*Reserved*	NH3	specify
t-Butyl Acetate	Actual for previous year	0		_	<del></del>	
	eDEP only:	Tons	Tons	Tons	Tons	Tons
	Actual for year of record:	Tons	Tons	Tons	Tons	Tons
	Potential emissions at maximum		. 4110	14.13	10113	10113
	capacity uncontrolled:	Tons 0.0120	Tons	Tons	Tons	Tons
	Emission factor:				<del></del>	
	In pounds per unit:	1000 GALLONS	41.50.1.		1875	
<b>5</b>	Max allowed – annual:					
iai Pope		Tons	Tons	Tons	Tons	Tons
mater ict on	Max allowed – short term:	Pounds	Pounds	Pounds	Pounds	Pounds
For this material or product only (leave blank if none)	Short term period;			*****		
<b>Fo</b>	Basis - DEP approval number or regulation:	<del></del>				

check to enter your own values

# **BWP AQ AP-2**

Emission Unit - Process Description

2008	
Year of record 17	_
DEP EU# (old Point #) 1191014	
Eacility AO identifier	_

3.	Ozone season emissions – May 1 through September 30:						
	0	0					
	a. Typical ozone day VOC emissions - pounds per day	b. Typical ozone day NOx emissions - pounds per day					
	check to enter your own values	check to enter your own values					
	NOTE: The form has estimated the emissions for you. However own values by checking the boxes above for VOC and NOx.	r, you may enter your					
C.	Notes and Attachments						
1.	<b>Notes</b> : please include in the space below any add your submission.	itional information that will help DEP understand					
2.	Attachments:						
	Check here to submit attachments to this form (e.g create a new step on your Current Submittals Page submittal. For attachments that cannot be sent elected and deliver them to DEP with a paper copy of this f	e where you will attach electronic files to your ctronically, please list all such attachments below					

Bureau of Waste Prevention - Air Quality

2008 Year of record 16 DEP EU# (old Point #) 1191014

Important: t

vvnen tilling
out forms on
the computer,
use only the
tab key to
move your
cursor - do no
use the return
kev



ilosion onit – i Tocess Description	Facility AQ identifier
Emission Unit – Process Descript	tion
Facility identifiers:	
SPRAGUE ENERGY	
a. Facility name	
275802	1191014
b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
Emission unit identifiers:	
TRUCK LOADING RACK DISTILLATES	
a. Facility's choice of emission unit name - edit as needed	1.00
	16
b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # (old SSEIS Point #)
d. Combined Units – enter number of individual units	
DEP approvals – leave blank if not applicable:	
a. Most recent approval number	b. DEP approval date (mm/dd/yyyy)
Is this unit exempt under 310 CMR 7.02 Plan Appr	rovals ? ☑ yes  ☐ no
	Facility identifiers: SPRAGUE ENERGY a. Facility name 275802 b. DEP Account number  Emission unit identifiers: TRUCK LOADING RACK DISTILLATES a. Facility's choice of emission unit name – edit as needed 16 b. Facility's emission unit number / code – edit as needed d. Combined Units – enter number of individual units DEP approvals – leave blank if not applicable: a. Most recent approval number

6. Equipment manufacturer and model number and type:

5. If exempt from Plan Approval, indicate reason why (e.g., cite a specific DEP regulation):

How to report on combined units?

CUSTOM

BELOW THRESHOLDS IN 310 CMR 7.02 (2)(B)

CUSTOM

b. Model number

**LOADING RACK** c. Equipment Type

a. Manufacturer

Reason for exemption

How to delete a unit? (click ?-icon)

7. Emission unit installation and decommission dates:

1/1/1950

a. Installation date - estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) - if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-2**

Emission Unit - Process Description

2008	
Year of record	
16	
DEP EU# (old Point #)	
1191014	
Eacility AO identifier	

### A. Emission Unit - Process Description (cont.)

8.	. Emission unit replacement:							
	a. Is this ur	a. Is this unit replacing another emission unit?						
	<b>☑</b> no	☐ yes – €	enter DEP'	s emissions ur	nit number for the u	unit being replaced below:		
	DEP's emiss	sion unit numbe	er and facility	unit name	<u></u>	1444		
9. Additional state reporting requirements:								
			-	ity reporting red ncy below	uirements for this  no – skip t			
	b. Reportin	ng frequency	/ – check a	all that apply:				
	☐ Monthly	∕ ☐ Quart	erly 🔲 S	emi-annual	] Annual 📋 RES	}		
	(include Ope	rating Permit a	nd Plan Appr	oval reports, but no	t exceedance reporting	)		
	c. Is this u	nit subject to	o (check al	that apply):				
	☐ NESHA	P NSPS	6 🗆 I	MACT				
10.	Hours of or	peration for	the emissio	on unit: a. [	check if continuo	ously operated – 24 x 7 x 52		
	24				ys per week	52		
	b. Number of	hours per day		c. Number of day	/s per week	d. Number of weeks per year		
	e. Percent	of total annu	ual operatio	on that occurs in	n each calendar qu	ıarter:		
	25	25 Q2	25	25	Sum of Q1+Q2+0	Q3+Q4 must = 100% was not operated for any quarter)		
	Q1	Q2	Q3	Q4	or 0% if the unit v	was not operated for any quarter)		
11.	Ozone sea	son schedul	le – May 1	through Septer	mber 30:			
	24			7		22		
	a. Ozone seas	son hours per o	lay	b. Ozone season	days per week	c. Weeks operated in ozone season		
12.	Emission re	elease point	– select o	ne:				
	Non-Stac	k Release F	oints:	4,4,4	Physical Stacks			
				acing vent	☐ vertical stack ☐ vertical with rain cap/sleeve			
	If Non-Stack	k release point	, skip to ques	tion 14.				
13.	Link this un	it to a physi	cal stack (i	f applicable) –	pick from the list be	elow:		

Facility's stack identifier from STACK form- to change stack name use the STACK form

If the stack for this unit is not listed, save and exit this form now and complete a new Stack form before completing this form.

## **BWP AQ AP-2**

Emission Unit - Process Description

2008	
ear of record	
16	
DEP EU# (old Point #)	
1191014	
acility AO identifier	

### A. Emission Unit - Process Description (cont.)

	14. Is there monitorin  ☐ yes – answer a	g equipment on this emission through   ☑ no s	ons unit or its related control kip to Question 15	devices?
How to delete monitor	a	Monitor 1	Monitor 2	Monitor 3
	a. Monitor type;	check only one:	check only one:	check only one:
Do not leave blank — if unknown write		CEMs opacity fuel flow meter time recorder temperature recorder pressure other — describe:	CEMs opacity fuel flow meter time recorder temperature recorder pressure other – describe:	CEMs opacity fuel flow meter time recorder temperature recorder pressure other – describe:
' unknown' or estimate	b. Manufacturer:	Describe * other*	Describe " other"	Describe " other"
	c. Model #:			
	d. Monitor ID #:	Facility's Designation	Facility's Designation	Facility s Designation
	e. Installation date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
	f. DEP approval #:			
Leave f, g, h blank if not applicable.	g. DEP approval date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
	h. Decommission date:	(mm/dd/yyyy)	(mm/dd/yyyy)	(mm/dd/yyyy)
	i. Recorder?	□ yes □ no	yes no	yes no
	j. Audible alarm ?	□ yes □ no	☐ yes ☐ no	yes 🗀 no
	k. Data system ?	□ yes □ no	☐ yes ☐ no	☐ yes ☐ no
	I. Monitored pollutants - check all that apply:	PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other = describe:	PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury Oxygen CO2 H2S HCL Opacity other – describe:	PM 10 PM 2.5 SO2 CO VOC NO2 NH3 Mercury CO2 H2S HCL Opacity other – describe:

## **BWP AQ AP-2**

Emission Unit - Process Description

2008	
ear of record	•
16	
DEP EU# (old Point #)	
1191014	
acility AO identifier	•

## A. Emission Unit – Process Description (cont.)

•	5. Are there air pollution control de	evices on this emissions unit?	Check here if you need to report more than 3 air pollution control devices on
How to <b>delete</b> a control	yes – answer a through i	☑ no – skip to Section B	this unit. eDEP will add another page of control devices after this form.
	Air pollution control device 1	Air pollution control device 2	Air pollution control device 3
0			
.: 	a. Type	Туре	Туре
Do not leave blank – if unknown	b. Manufacturer	Manufacturer	Manufacturer
write ' unknown' o	C. Model number	Model number	Model number
estimate	d. Facility s (D for this device	Facility's ID for this device	Facility's ID for this device
>	e. Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)	Installation date (mm/dd/yyyy)
Leave f, g, h	f. DEP approval # (most recent)	DEP approval # (most recent)	DEP approval # (most recent)
blank if not applicable.	g. DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)	DEP approval date (mm/dd/yyyy)
Į :	h. Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)	Decommission date (mm/dd/yyyy)
PM 2.5		% Overall eff.	% Overall eff
PM 10	% Overall eff.	% Overall off	0/ 0/ 24411 4
PM 2.5	% Overall eff.		
SO2	76 Overall em	% Overall eff.	% Overall eff.
	% Overall eff:	% Overall eff.	% Overall eff.
CO	0.00		
voc	% Overall off.	% Overall eff.	% Overall eff.
NO2	% Overall eff.	% Overall eff.	% Overall eff.
i.	% Overall eff.	% Overall eff.	% Overall eff.
NH3	% Overall eff.		
HOC	-70 Cyalan ali	% Overall eff.	% Overall eff.
	% Overall eff.	% Overall eff.	% Overall eff.
HYC	% Overall eff	% Overall eff.	% Overall eff.
Hg		A Overall ell.	76:Overali ell.
, DL	% Overall eff.	% Overall eff.	% Overall eff.
Pb <sub>:</sub>	% Overall eff.	% Overall eff.	% Overall eff.
Other		:	in the state of th
	% Overall eff.	% Overall eff.	% Overall eff.
	Specify " Other"	Specify " Other"	Specify " Other"
	マー・データ プロ・アンド かけた アンド・ディー カル・ディー・ディー		-Lacit Autor

## **BWP AQ AP-2**

Emission Unit - Process Description

2008	
Year of record	
16	
DEP EU# (old Point #)	
1191014	
Facility AQ identifier	

### B. Emissions for Raw Materials/Finished Products

-	┛.	Ciliasions for IVaM Materials/Lillis	Hec	Pro	aucts	
		Add a NEW material / product: Check the box if you need to add a material or product that you did not report on previously (eDEP will add a blank Sect. B form to your package).		stopped unit peri of recon	using this mater manently. You m d even if amount	oduct: check the box if you rial or making this product in this nust still report data for this year is "0" — the material / product unit in the next report cycle.
1		Operation description:	LOAD		FOR FUEL TRUCKS	, ,
How does eDEP handle multiple raw materials or		a. Raw material or finished product name:     Number of segments for this unit (previous records): 1     b. Is material/product an input or output?		input	output	1 DEP#
finished products?		c. Process description:		ADING STILLAT	#1-TRUCKS TES	
		d. Source Classification Code (SCC): (see instructions)	SC			e will not validate)
		e. Maximum process rate for material/product:	SC0 10.			NG DIST OIL-SUBMERG DEP upon validation 1000 GALLONS Units per hour
Note: Definition of Maximum process rate		f. If organic material, give weight % of:	VO	<u> </u>		НОС
		g. Total actual raw material used or finished product produced for year of record:	Amo	2 <b>48.000</b> ount	00	1000 GALLONS Units
		Enter " 0" if not used in the year of record	36 Prio	r year – 🤅	DEP only	1000 GALLONS Units prior year
		h. Do you have raw material or finished product restrictions?		yes	☑ no – ski	ip to question 1.I
		i. DEP approval number for restrictions:	Mos	t recent o	poroval averbas	for this material or product
		j. Short term raw material/finished product			ipprovar number	for this material or product
		restriction – if none, leave blank:	Qua	ntity (amo	ount or hours)	Units
			Per	: 🗆 m	onth 🗌 we	ek 🗌 day 🔲 hour
		<ul><li>k. Annual material/product restriction</li><li>if none, leave blank:</li></ul>	Qua	ntity (ame	ount or hours)	Units
		I. Indicate which air pollution control devices from Section A, Question 15 control this	Devi	ce ID#		Device ID #
		material/product by listing the facility- designated control device ID # for each unit that applies:		ice ID#		Device ID#
		How to make a new air pollution control device	Devi	ice ID#	one it All min	Device ID #
		appear in these drop menus?	Ц		y to this material	ution control devices on the //product
	10	9/19/05	RW/D	AO AB 2	Emission Unit	Process Description - Pers F

Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-2**

Emission Unit - Process Description

2008 Year of record 16 DEP EU# (old Point #) 1191014 Facility AQ identifier

#### B. Emissions for Raw Materials/Finished Products (cont.)

2. Total emissions for this material/product – tons per year:

Important:						
Leaving blanks for	Pollutant	PM10	PM2.5	SO2	NO2	co
Actual and Potential emissions means that	Actual for previous year	0.0000		0	0	0
you are certifying that	eDEP only:	Tons	Tons	Tons	Tons	Tons
there were less than 0.0001 (or zero) tons of emissions for each	Actual for year of record:  Potential emissions at maximum	Tons	Tons	Tons	Tons	Tons
blank.	capacity uncontrolled:	Tons 0.000000	Tons	Tons 0.000000	Tons 0.000000	Tons 0.000000
	Emission factor:					
	In pounds per unit::	1000 GALLONS	= <del>.</del>	1000 GALLONS	1000 GALLONS	1000 GALLONS
i a	Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
년 분 1		TONS	rons	TOIIS	10115	10115
mate ict or	Max allowed — short term:	Pounds	Pounds	Pounds	Pounds	Pounds
For this material or product only	Short term period:			<del>-</del>		
F -	Basis: DEP approval number or regulation:		**************************************	_ <del></del>		
$\overline{}$						Other:
Important: Reporting now required for	Pollutant	voc	нос	*Reserved*	NH3	specify
t-Butyl Acetate	Actual for previous year	0				
	eDEP only:	Tons 4.2500	Tons	Tons	Tons	Tons
	Actual for year of record:	Tons 9.6000	Tons	Tons	Tons	Tons
	Potential emissions at maximum capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Emission factor:	0.772000		- Ions	TORS	ions
	In pounds per unit:	1000 GALLONS		_		President of the second
or S	Max allowed – annual:	Tons	Tons	Tons	Tons	Tons
rthis material or product only	Max allowed — short term:  Short term period:	Pounds	Pounds	Pounds	Pounds	Pounds
rthis r produ	Short term period:					

check to enter your own values

Basis - DEP approval number or regulation:

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-2**

Emission Unit - Process Description

2008	
Year of record	-
DEP EU# (old Point #) 1191014	_
Facility AQ identifier	-

4	Ozone season emissions – May 1 through Septer 22.9058	0
	a. Typical ozone day VOC emissions – pounds per day	<ul> <li>b. Typical ozone day NOx emissions – pounds per day</li> </ul>
L	check to enter your own values	Check to code
11	IOTE: The form has estimated the emissions for you. However, which values by checking the boxes above for YOC and NO.	Pr. Volumay enfart your
O	wn values by checking the boxes above for VOC and NOx.	and the your
	Notes and Attachments	Try of they your

#### 2. Attachments:

Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that cannot be sent electronically, please list all such attachments below and deliver them to DEP with a paper copy of this form.

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008			
Year of	record	j	
9			
DEP E	J# (old	Point #)	
11010	111	,	

Facility AQ identifier

	C	omplete one AP-4 for EACH organic material storage tank.	
Important: When filling out forms on	A	A. Equipment Description	
the computer,	1.	. Facility identifiers:	
use only the tab key to		SPRAGUE ENERGY	
move your cursor – do		a. Facility name	
not use the return key.		L DED 4	191014
		b. DEP Account number c.	Facility AQ identifier – SSEIS ID number
	2.	Emission unit identifiers:	
		AG TANK #6-2,262,000 GAL	
		a. Facility's choice of emission unit name - edit as needed	
		9 h Facility's emission unit mumb of out in	
		b. Facility's emission unit number / code - edit as needed c.	DEP emissions unit # - SSEIS point #
		d. Combined Units - enter number of individual units	
How to combine units?			
	3.	Emission unit installation and decommission dates:	
		1/1/1940	
How to delete		a. Installation date – estimate if unknown (mm/dd/yyyyy) b.	Decommission date (mm/dd/yyyy) – if applicable
a unit ?		Co or a	mplete only if the unit was shut down permanently replaced since the last report.
	4.	Emission unit replacement:	
		a. Is this unit replacing another emission unit?	
		☑ no ☐ yes – enter DEP's emissions unit numbe	er for the unit being replaced below:
		b. DEP's Emission Unit Number and facility unit name	, , , , , , , , , , , , , , , , , , , ,
	5.	Unit descriptions:	
		2 Description	
		a. Description: 🗹 above ground 🔲 below ground	
		b. Roof type: ☐ floating roof ☐ internal roof ☐ other:	
		43 97 2262000	Specify other
		c. Height / Length – feet 97 2262000 e. Capacity – e	gallons
			-
	6.	Construction: ✓ steel weld ☐ other weld ☐ rivet	☐ fiberglass ☐ gunite
and documenting	-d 40	JO2 IOE	

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
9
DEP EU# (old Point #)
1191014
Facility AQ identifier

### A. Equipment Description (cont.)

	7.	Material stored (at start of year):	
		JP-5 JET FUEL	
		a. Name of material	
			40301021
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
Click "?" icon		PETROLEUM STORAGEDIST FUEL NO.2	0.250
for SC Code		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
		60	2071328.0000
		f. Temperature – typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	•
	8.	New material stored (enter new material if conte	nts changed during year of record):
		a. Name of material	
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
		f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	В.	Notes and Attachments	
	1.		ditional information that will help DEP understand

2. Attachments: 
Check here to submit attachments to this form. For attachments that cannot be sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

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### **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008
Year of record
8
DEP EU# (old Point #)
1191014
Facility AQ identifier

Important:
When filling out forms on the computer, use only the tab key to move your cursor – do not use the return key.





How to combine units?

How to delete a unit?

A. ⊨quipment Description	on
--------------------------	----

1.	1. Facility identifiers:		
	SPRAGUE ENERGY		
	a. Facility name		
	275802	1191014	
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number	
2.	Emission unit identifiers:		
	AG TANK #5-493,000 GAL		
	a. Facility's choice of emission unit name – edit as needed		
	8	8	
	b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # - SSEIS point #	
		•	
	d. Combined Units – enter number of individual units		
3.	Emission unit installation and decommission dates:		
	1/1/1932		
	a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) - if applicable	
		Complete only if the unit was shut down permanently or replaced since the last report.	
4.	Emission unit replacement:		
	a. Is this unit replacing another emission unit?		
	☑ no ☐ yes – enter DEP's emissions unit nu	mher for the unit being replaced below:	
		mbor for the drift being replaced below.	
	b. DEP's Emission Unit Number and facility unit name		
5.	Unit descriptions:		
	a December 17 1		
	a. Description:  above ground  below ground	nd .	
	b. Roof type:		
		0	
	35 49 493000	Specify other	
	100000	ity – gallons	

6. Construction:  $\Box$  steel weld  $\Box$  other weld  $\Box$  rivet  $\Box$  fiberglass  $\Box$  gunite

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008 Year of record DEP EU# (old Point #) 1191014 Facility AQ identifier

### A. Equipment Description (cont.)

	7.	Material stored (at start of year):	
		NO. 2 DIESEL	
		a. Name of material	7 to 10 to 1
		68476302	40301021
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
AV 1 800 1		PETROLEUM STORAGEDIST FUEL NO.2	0.200
Click "?" icon for SC Code		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
help		60	
		f. Temperature – typical storage temp. in *Fahrenheit	1561803.0000
		i. Temperature – typical storage temp. In Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	8.	New material stored (enter new material if conter	nts changed during year of record):
		a. Name of material	
		h CAC augheritaine haring	
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
		f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	В.	Notes and Attachments	
	1.	<b>Notes:</b> please include in the space below any ad your submission.	ditional information that will help DEP understand
		<ol><li>Attachments:  Check here to submit attach</li></ol>	ments to this form. For attachments that cannot be

sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008 Year of record DEP EU# (old Point #) 1191014 Facility AQ identifier

Important: When filling but forms on the compute use only the tab key to move your cursor – do not use the
return key.
<b>X</b>

How to combine units ?

How to delete a unit?

A. Equipment Description

1. Facility identifiers:

SPRAGUE ENERGY

2. Emission unit identifiers:  AG TANK #4-493,000 GAL  a. Facility's choice of emission unit name – edit as needed 7  b. Facility's emission unit number / code – edit as needed d. Combined Units – enter number of individual units  3. Emission unit installation and decommission dates: 1/1/1932  a. Installation date – estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) – if applicable Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement: a. Is this unit replacing another emission unit?  Ino   yes – enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions: a. Description:   above ground   below ground b. Roof type:   floating roof   internal roof     fixed   other:   Specify other     35		a. Facility name	
2. Emission unit identifiers:  AG TANK #4-493,000 GAL  a. Facility's choice of emission unit name - edit as needed  7  b. Facility's emission unit number / code - edit as needed  d. Combined Units - enter number of individual units  3. Emission unit installation and decommission dates:  1/1/1932  a. Installation date - estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) - if applicable  Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement:  a. Is this unit replacing another emission unit?  In o yes - enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description: Jabove ground below ground  b. Roof type: Intoating roof Internal roof other:  Specify other  35 49 493000			1191014
AG TANK #4-493,000 GAL  a. Facility's choice of emission unit name – edit as needed 7  b. Facility's emission unit number / code – edit as needed d. Combined Units – enter number of individual units  3. Emission unit installation and decommission dates:  1/11/1932 a. Installation date – estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) – if applicable  Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement: a. Is this unit replacing another emission unit?  In o yes – enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions: a. Description: above ground below ground  b. Roof type: floating roof internal roof other:  Specify other		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number
a. Facility's choice of emission unit name – edit as needed 7  b. Facility's emission unit number / code – edit as needed  d. Combined Units – enter number of individual units  3. Emission unit installation and decommission dates:  1/1/1932  a. Installation date – estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) – if applicable  Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement:  a. Is this unit replacing another emission unit?  Ino yes – enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description: Above ground below ground  b. Roof type: floating roof internal roof fixed  Specify other  Specify other	2.		
7 b. Facility's emission unit number / code – edit as needed d. Combined Units – enter number of individual units  3. Emission unit installation and decommission dates:  1/1/1932 a. Installation date – estimate if unknown (mm/dd/yyyy) b. Decommission date (mm/dd/yyyy) – if applicable Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement: a. Is this unit replacing another emission unit?  ☑ no			
b. Facility's emission unit number / code - edit as needed  d. Combined Units - enter number of individual units  3. Emission unit installation and decommission dates:  1/1/1932  a. Installation date - estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) - if applicable  Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement:  a. Is this unit replacing another emission unit?  Ino yes - enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description: Internal roof fixed other:  Specify other  35 49 493000			7
d. Combined Units – enter number of individual units  3. Emission unit installation and decommission dates:  1/1/1932  a. Installation date – estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) – if applicable  Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement:  a. Is this unit replacing another emission unit?  In o yes – enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description: I above ground below ground  b. Roof type: floating roof other:  Specify other  35 49 493000		188	
3. Emission unit installation and decommission dates:  1/1/1932  a. Installation date – estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) – if applicable  Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement:  a. Is this unit replacing another emission unit?  Ino yes – enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description:  above ground below ground  b. Roof type:  floating roof internal roof fixed other:  Specify other  35 49 493000		5. I dointy 3 crinission this nambar 7 code — edit as needed	c. Der emissions unit # - 55E/5 point #
3. Emission unit installation and decommission dates:  1/1/1932  a. Installation date – estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) – if applicable  Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement:  a. Is this unit replacing another emission unit?  Ino yes – enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description:  above ground below ground  b. Roof type:  floating roof internal roof fixed other:  Specify other  35 49 493000		d. Combined Units – enter number of individual units	
a. Installation date — estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) — if applicable Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement: a. Is this unit replacing another emission unit?  I no yes — enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions: a. Description:  above ground below ground  b. Roof type:  floating roof internal roof fixed other:  Specify other  49 493000		and the state of t	
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a. Installation date – estimate if unknown (mm/dd/yyyy)  b. Decommission date (mm/dd/yyyy) – if applicable Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement:  a. Is this unit replacing another emission unit?  I no yes – enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description:  above ground below ground  b. Roof type:  floating roof internal roof other:  Specify other  49 493000	3,	Emission unit installation and decommission dates:	
Complete only if the unit was shut down permanently or replaced since the last report.  4. Emission unit replacement:  a. Is this unit replacing another emission unit?  I no yes – enter DEP's emissions unit number for the unit being replaced below:  b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description:  above ground below ground  b. Roof type:  floating roof internal roof other:  Specify other  49 493000		1/1/1932	
4. Emission unit replacement:  a. Is this unit replacing another emission unit?  ☑ no		a. Installation date - estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) - if applicable
4. Emission unit replacement:  a. Is this unit replacing another emission unit?  ☑ no			Complete only if the unit was shut down permanently
a. Is this unit replacing another emission unit?  I no			or replaced since the last report.
a. Is this unit replacing another emission unit?  I no	4.	Emission unit replacement	
<ul> <li>✓ no</li></ul>		·	
b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description:		a. Is this unit replacing another emission unit?	
b. DEP's Emission Unit Number and facility unit name  5. Unit descriptions:  a. Description:		□ no □ von opter DEB's opticion with	makes of the transfer of the
5. Unit descriptions:  a. Description:		yes – enter DEP's emissions unit no	imber for the unit being replaced below:
5. Unit descriptions:  a. Description:			
5. Unit descriptions:  a. Description:		b. DEP's Emission Unit Number and facility unit name	
a. Description:		The second secon	
a. Description:			
a. Description:	-	N=9, 42-00	
b. Roof type: ☐ floating roof ☐ internal roof ☐ other:  Specify other  49 493000	Э.	Unit descriptions:	
b. Roof type: ☐ floating roof ☐ internal roof ☐ other:  Specify other  49 493000		a Description: 🗸 above ground . 🗆 helevy array	
✓ fixed     ☐ other:       Specify other       35     49     493000		a. Description.   If above ground    Delow group	nu
✓ fixed     ☐ other:       Specify other       35     49     493000		_	
\$pecify other 35 49 493000			f
<u>35</u> <u>49</u> <u>493000</u>		☑ fixed ☐ other:	
10000		35 40 40000	
с. пендит – reet — d. Diameter – reet — e. Capacity – gallons		10000	<del>-</del>
		с. пенупки сендит – reet d. Diameter – reet e. Capar	city – galions

✓ steel weld □ other weld □ rivet □ fiberglass □ gunite

6. Construction:

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008	
Year of record	-
<u>7</u>	
DEP EU# (old Point #)	
1191014	
Facility AQ identifier	_

### A. Equipment Description (cont.)

	7.	Material stored (at start of year):	
		JP-5 JET FUEL	
		a. Name of material	10001001
		b. CAS number if single chemical	40301021
			c. SC Code for standing / breathing loss
Click "?" icon for SC Code		PETROLEUM STORAGEDIST FUEL NO.2 d. SC Code description – filled by eDEP	5.000
help		60	e. Vapor pressure in PSI at 25° C 460295.0000
		f. Temperature – typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	8.	New material stored (enter new material if conten	nts changed during year of record):
		a. Name of material	
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
		f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	В.	Notes and Attachments	······································
	1.	ditional information that will help DEP understand	

2. Attachments: 
Check here to submit attachments to this form. For attachments that cannot be sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

Bureau of Waste Prevention - Air Quality

### **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008
Year of record
6
DEP EU# (old Point #)
1191014
Facility AQ identifier

Important: When filling out forms on the computer, use only the



How to combine units 7

How to delete a unit?

Α.	<b>Equipment Description</b>
1.	Facility identifiers:

a. Facility name 275802 b. DEP Account number

1191014 c. Facility AQ identifier - SSEIS ID number

2. Emission unit identifiers:

SPRAGUE ENERGY

AG TANK #3-203,994 GAL a. Facility's choice of emission unit name - edit as needed

6 b. Facility's emission unit number / code - edit as needed

c. DEP emissions unit # - SSEIS point #

3. Emission unit installation and decommission dates:

a. Installation date - estimate if unknown (mm/dd/yyyy)

d. Combined Units - enter number of individual units

b. Decommission date (mm/dd/yyyy) - if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

✓ no yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: above ground

below ground

b. Roof type: floating roof

internal roof

√ fixed l other:

Specify other

30 c. Height / Length - feet

36 d. Diameter - feet

e. Capacity - gallons

203994

Construction:

✓ steel weld other weld fiberglass qunite

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
6
DEP EU# (old Point #)
1191014
Facility AO identifier

### A. Equipment Description (cont.)

7.	Material stored (at start of year):			
	TEMPORARILY OUT OF SERVICE			
	a. Name of material			
		40301021		
	b. CAS number if single chemical	c. SC Code for standing / breathing loss		
	PETROLEUM STORAGEDIST FUEL NO.2			
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C		
		0.0000		
	f. Temperature – typical storage temp. in *Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)		
	h. RVP gasoline only	i. Total oxygen percent – gasoline only		
	j. Oxygenate name – gasoline only			
8.	New material stored (enter new material if content	ts changed during year of record):		
	a. Name of material			
	b. CAS number if single chemical	c. SC Code for standing / breathing loss		
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C		
		•		
	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons		
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only		
	j. Oxygenate name – gasoline only			
<ul> <li>B. Notes and Attachments</li> <li>1. Notes: please include in the space below any additional information that will help DEP underst your submission.</li> </ul>				
2	!. Attachments:	nents to this form. For attachments that <b>cannot</b> be s in notes above and deliver them to DEP with a		

paper copy of this form.

Click "?" icon for SC Code help

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
5
DEP EU# (old Point #)
1191014
Facility AQ identifier

•	. Equipmer	nt Description	1	
1.	Facility identifi	ers:		
	SPRAGUE EN			
	a. Facility name	IERG1	••	
	275802			1191014
	b. DEP Account n	umber		c. Facility AQ identifier – SSEIS ID number
				or down the teaching of the teaching
2.	Emission unit i	identifiers:		
	AG TANK #2-2	203.532 GAL		
		of emission unit name -	- edit as needed	
	5			5
	b. Facility's emissi	ion unit number / code –	edit as needed	c. DEP emissions unit # - SSEIS point #
	d. Combined Units	s – enter number of indiv	idual units	
3.	Emission unit i	nstallation and deco		
J.		installation and deco	ommission dates:	:
	1/1/1932			
		I — ACTIMATA IT LINKNOWN (I		
	a. Installation date	Countain anknown (	mm/aa/yyyy)	<ul><li>b. Decommission date (mm/dd/yyyy) – if applicate</li></ul>
	a. Installation date	Committee in unknowing	mm/aa/yyyy)	<ul> <li>Decommission date (mm/dd/yyyy) – if applicate Complete only if the unit was shut down permane or replaced since the last report.</li> </ul>
4.	Emission unit		mm/aa/yyyy)	Complete only if the unit was shut down permane
4.	Emission unit i			Complete only if the unit was shut down permane
4.	Emission unit r	replacement: eplacing another em	nission unit?	Complete only if the unit was shut down permane
4.	Emission unit raa. Is this unit ra	eplacement: eplacing another en yes – enter DEP's	nission unit? emissions unit nu	Complete only if the unit was shut down permane or replaced since the last report.
4.	Emission unit raa. Is this unit ra	replacement: eplacing another em	nission unit? emissions unit nu	Complete only if the unit was shut down permane or replaced since the last report.
<b>4.</b> 5.	Emission unit ra  a. Is this unit ra  no	replacement: eplacing another em yes – enter DEP's n Unit Number and facilit	nission unit? emissions unit nu	Complete only if the unit was shut down permane or replaced since the last report.
	Emission unit ra a. Is this unit ra no DEP's Emission Unit description	replacement: eplacing another em yes – enter DEP's n Unit Number and facilit	nission unit? emissions unit nu	Complete only if the unit was shut down permane or replaced since the last report.
	Emission unit ra a. Is this unit ra no DEP's Emission Unit description	replacement: eplacing another em yes – enter DEP's n Unit Number and facilit	nission unit? emissions unit nu	Complete only if the unit was shut down permane or replaced since the last report.  umber for the unit being replaced below:
	Emission unit ra a. Is this unit ra no DEP's Emission Unit description a. Description:	replacement: eplacing another end yes – enter DEP's n Unit Number and facilit ns:	nission unit? emissions unit nu y unit name	Complete only if the unit was shut down permane or replaced since the last report.  umber for the unit being replaced below:
	Emission unit ra a. Is this unit ra no DEP's Emission Unit description	replacement: eplacing another em yes – enter DEP's n Unit Number and facilit	nission unit? emissions unit nu y unit name below grou internal roo	Complete only if the unit was shut down permane or replaced since the last report.  umber for the unit being replaced below:
	Emission unit rate. Is this unit red. In o DEP's Emission.  Unit description:  b. Roof type:	replacement: eplacing another ender per per per per per per per per per p	nission unit? emissions unit nu y unit name below grou internal roo	Complete only if the unit was shut down permane or replaced since the last report.  umber for the unit being replaced below:
	Emission unit ra a. Is this unit ra no DEP's Emission Unit description a. Description:	replacement: eplacing another ender properties  yes — enter DEP's  Unit Number and facility  above ground  floating roof fixed  35	nission unit? emissions unit nu y unit name below grou internal roo other:	Complete only if the unit was shut down permane or replaced since the last report.  umber for the unit being replaced below:

Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
5
DEP EU# (old Point #)
1191014
Facility AQ identifier

### A. Equipment Description (cont.)

	7.	Material stored (at start of year):					
		TEMPORARILY OUT OF SERVICE					
		a. Name of material					
			40301021				
		b. CAS number if single chemical	c. SC Code for standing / breathing loss				
Click "?" icon		PETROLEUM STORAGEDIST FUEL NO.2					
for SC Code help		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
пстр		f Townselve finiselve to the first terms of the fir	0.0000				
		f. Temperature – typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)				
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
		j. Oxygenate name – gasoline only					
	8.	New material stored (enter new material if content	ts changed during year of record):				
		a. Name of material					
		b. CAS number if single chemical	c. SC Code for standing / breathing loss				
		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
		f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons				
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
		j. Oxygenate пате – gasoline only					
	В.	Notes and Attachments					
	1.	<b>Notes</b> : please include in the space below any additional information that will help DEP understand your submission.					
		2 Attachments [7] Charle have to a head the					
		<ol><li>Attachments:  Check here to submit attachment electronically, please list all such attachments</li></ol>	nerus to this form. For attachments that <b>cannot</b> be s in notes above and deliver them to DEP with a				

paper copy of this form.

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008
Year of record
4
DEP EU# (old Point #)
1191014
Facility AQ identifier

lmportant:
When filling
out forms on
the computer
use only the
tab key to
move your
cursor – do
not use the
retum key.

# A. Equipment Description1. Facility identifiers: SPRAGUE ENERGY

a. Facility name

275802

b. DEP Account number

1191014

c. Facility AQ identifier - SSEIS ID number



2. Emission unit identifiers:

AG TANK #1-203,826 GAL

a. Facility's choice of emission unit name - edit as needed

4

b. Facility's emission unit number / code - edit as needed

d. Combined Units - enter number of individual units

. .

c. DEP emissions unit # - SSEIS point #

How to combine units?

3. Emission unit installation and decommission dates:

1/1/1932

a. Installation date - estimate if unknown (mm/dd/yyyy)

b. Decommission date (mm/dd/yyyy) - if applicable

Complete only if the unit was shut down permanently or replaced since the last report.

How to delete a unit?

4. Emission unit replacement:

a. Is this unit replacing another emission unit?

✓ no

yes – enter DEP's emissions unit number for the unit being replaced below:

b. DEP's Emission Unit Number and facility unit name

5. Unit descriptions:

a. Description: above ground

below ground

b. Roof type:

I floating roof

☐ internal roof

√ fixed

other:

Construction: ☐ steel weld ☐ other weld ☑ rivet ☐ fiberglass ☐ qunite

Specify other

29

35

203826

c. Height / Length - feet

d. Diameter - feet

e. Capacity - gallons

agap4.doc	•	revised	10/03/05

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
4
DEP EU# (old Point #)
1191014
Facility AQ identifier

### A. Equipment Description (cont.)

7. Material stored (at start of year): TEMPORARILY OUT OF SERVICE a. Name of material 40301021 b. CAS number if single chemical c. SC Code for standing / breathing loss PETROLEUM STORAGEDIST FUEL NO.2 d. SC Code description - filled by eDEP e. Vapor pressure in PSI at 25° C 0.0000 f. Temperature - typical storage temp. in Fahrenheit g. Annual throughput in gallons (enter 0 if not used) h. RVP - gasoline only i. Total oxygen percent - gasoline only j. Oxygenate name - gasoline only 8. New material stored (enter new material if contents changed during year of record): a. Name of material b. CAS number if single chemical c. SC Code for standing / breathing loss d. SC Code description - filled by eDEP e. Vapor pressure in PSI at 25° C f. Temperature - typical storage temp. in °Fahrenheit g. Annual throughput in gallons h. RVP - gasoline only i. Total oxygen percent - gasoline only j. Oxygenate name - gasoline only B. Notes and Attachments 1. Notes: please include in the space below any additional information that will help DEP understand your submission.

Attachments: Check here to submit attachments to this form. For attachments that cannot be sent electronically, please list all such attachments in notes above and deliver them to DEP with a

aqap4.doc • revised 10/03/05

paper copy of this form.

Click "?" icon for SC Code

help

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008
Year of record
15
DEP EU# (old Point #)
1191014
Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





How to combine units?

How to delete a unit?

A. Equipment Description	on
--------------------------	----

1.	Facility identifiers:						
	SPRAGUE ENERGY						
	a. Facility name						
	275802		1191014				
	b. DEP Account number		c, Facility AQ identifier – SSEIS ID number				
2.	Emission unit identifiers:						
	AG TANK #12-3,480,000 GAL						
	a. Facility's choice of emission unit name – edit	as needed					
	15		15				
	b. Facility's emission unit number / code - edit		c. DEP emissions unit # - SSEIS point #				
	d. Combined Units – enter number of individual	units					
3.	Emission unit installation and decomn	nission dates:					
•	1/1/1950	modion dates.					
	a. Installation date – estimate if unknown (mm/d	dd/www)	b. Decommission date (mm/dd/yyyy) – if applicable				
	at metallicity date Committee if disknown (IIIII)						
			Complete only if the unit was shut down permanently or replaced since the last report.				
4.	Emission unit replacement:						
	a. Is this unit replacing another emissi	ion unit?					
	✓ no  yes – enter DEP's emi	issions unit num	nber for the unit being replaced below:				
	b. DEP's Emission Unit Number and facility un	it name					
5.	Unit descriptions:						
	a. Description:  above ground [	below ground	1				
	a. 2000. phon. [4] above ground [	_ below ground	•				
	b. Roof type:	☐ internal roof					
	of fixed [	other:					
	Specify other						

3480000

e. Capacity - gallons

aqap4.doc	•	revised	10/03/05

45

c. Height / Length - feet

115

d. Diameter - feet

6. Construction: ✓ steel weld □ other weld □ rivet □ fiberglass □ gunite

# **Massachusetts Department of Environmental Protection**Bureau of Waste Prevention – Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008 Year of record DEP EU# (old Point #) 1191014 Facility AQ identifier

### A. Equipment Description (cont.)

	7.	Material stored (at start of year): NO. 2 FUEL OIL	
		a. Name of material	40004004
		68476302	40301021
		b. CAS number if single chemical PETROLEUM STORAGEDIST FUEL NO.2	c. SC Code for standing / breathing loss
Click "?" icon for SC Code		d. SC Code description – filled by eDEP	0.200 e. Vapor pressure in PSI at 25° C
help		60	9735656,0000
•		f. Temperature – typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	8.	New material stored (enter new material if conten	ts changed during year of record):
		a. Name of material	
		b. CAS number if single chemical	c. SC Code for standing / breathing loss
		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
		f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
		h. RVP – gasoline only	i. Total oxygen percent – gasoline only
		j. Oxygenate name – gasoline only	
	B	Notes and Attachments	
	1.	<b>Notes:</b> please include in the space below any advour submission.	ditional information that will help DEP understand
		2. Attachments:  Check here to submit attach	ments to this form. For attachments that cannot be

sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008 Year of record DEP EU# (old Point #) 1191014 Facility AQ identifier

	Complete one AP-4 for EACH organic material storage tank.						
Important: When filling out forms on	A. Equipment Description						
the computer,	1.	Facility identifiers:					
use only the tab key to		SPRAGUE ENERGY					
move your		a. Facility name	, <u>, , , , , , , , , , , , , , , , , , </u>				
cursor do not use the		275802	1191014				
return key.		b. DEP Account number	c. Facility AQ identifier – SSEIS ID number				
	2.	Emission unit identifiers:					
		AG TANK #11-3,480,000 GAL					
		a. Facility's choice of emission unit name – edit as needed	7,000				
		14	14				
		b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # - SSEIS point #				
		d Combined Halfa and a surface of third at 1975					
How to		d. Combined Units – enter number of individual units					
combine units ?							
	3.	Emission unit installation and decommission dates:					
		1/1/1950					
		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable				
How to <b>delete</b> a unit?			Complete only if the unit was shut down permanently or replaced since the last report.				
	4.	Emission unit replacement:					
		a. Is this unit replacing another emission unit?					
		✓ no	umber for the unit being replaced below:				
		b. DEP's Emission Unit Number and facility unit name	194. 1944.				
	5.	Unit descriptions:					
		a. Description: 📝 above ground 🔝 below grou	nd				
		b. Roof type:	f				
		✓ fixed					
		45 445 04000	Specify other				
		45         115         34800           c. Height / Length – feet         d. Diameter – feet         e. Capa	00 city – gallons				
		o. neight / Length - leet d. Diameter - leet e. Capa	ory – gailons				

✓ steel weld □ other weld □ rivet □ fiberglass □ gunite

6. Construction:

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
14
DEP EU# (old Point #)
1191014
Facility AO identifier

### A. Equipment Description (cont.)

7.	Material stored (at start of year):					
	NO. 6 FUEL OIL a. Name of material					
	68476335	40301012				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	PETROLEUM STORAGECRUDE OIL-RVP 5	0.100				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	110	8277737.0000				
	f. Temperature – typical storage temp. in *Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only					
8.	New material stored (enter new material if conten	ts changed during year of record):				
	a. Name of material					
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only					
<b>B.</b> 1.	Notes and Attachments  Notes: please include in the space below any add your submission.	ditional information that will help DEP understand				
:	Attachments:	ments to this form. For attachments that cannot be				

paper copy of this form.

Click "?" icon for SC Code help

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008 Year of record 13 DEP EU# (old Point #) 1191014 Facility AQ identifier

	Equipment Description					
<sup>r,</sup> 1.	Facility identifiers:					
	SPRAGUE ENERGY					
	a. Facility name	- Marie				
	275802	1191014				
	b. DEP Account number	c. Facility AQ identifier – SSEIS ID number				
		, , , , , , , , , , , , , , , , , , , ,				
h 2.	Emission unit identifiers:					
lj .	AG TANK #10-4,012,000 GAL					
3	a. Facility's choice of emission unit name – edit as needed	1.464				
	13	13				
	b. Facility's emission unit number / code edit as needed	c. DEP emissions unit # - SSEIS point #				
	d. Combined Units - enter number of individual units					
3.	Emission unit installation and decommission dates:					
	1/1/1945					
	a. Installation date - estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) - if applicable				
te	· · · · · · · · · · · · · · · · · · ·	Complete only if the unit was shut down permanently or replaced since the last report.				
4.	Emission unit replacement:					
	a. Is this unit replacing another emission unit?					
	a. Is this unit replacing another emission unit?					
	a. Is this unit replacing another emission unit?  ✓ no	mber for the unit being replaced below:				
	_	mber for the unit being replaced below:				
5.	✓ no	mber for the unit being replaced below:				
5.	no yes – enter DEP's emissions unit nuit b. DEP's Emission Unit Number and facility unit name Unit descriptions:					
5.	no yes – enter DEP's emissions unit nuit b. DEP's Emission Unit Number and facility unit name					
5.	no yes – enter DEP's emissions unit nuit b. DEP's Emission Unit Number and facility unit name Unit descriptions:	nd				
5.	<ul> <li>✓ no</li></ul>	nd Specify other				

6. Construction: ✓ steel weld ☐ other weld ☐ rivet ☐ fiberglass ☐ gunite

# Massachusetts Department of Environmental Protection Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
13
DEP EU# (old Point #)
1191014
Facility AO identifier

## A. Equipment Description (cont.)

7.	Material stored (at start of year):					
	NO. 2 FUEL OIL					
	a. Name of material	77 0 110				
	68476302	40301021				
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	PETROLEUM STORAGEDIST FUEL NO.2	0.200				
	d. SC Code description - filled by eDEP	e. Vapor pressure in PSI at 25° C				
	60	11682788.0000				
	f. Temperature – typical storage temp, in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only	_				
8.	New material stored (enter new material if conte	nts changed during year of record):				
	a. Name of material					
	b. CAS number if single chemical	c. SC Code for standing / breathing loss				
	d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C				
	,	e. vapor pressure in FOI at 25 C				
	f. Temperature typical storage temp, in °Fahrenheit	g. Annual throughput in gallons				
	h. RVP – gasoline only	i. Total oxygen percent – gasoline only				
	j. Oxygenate name – gasoline only	_				
В.	Notes and Attachments					
1.	Notes: please include in the space below any ac	dditional information that will help DEP understand				
	your submission.					
	2 Attachments: C Check here to submit attach	ments to this form. For attachments that cannot be				

sent electronically, please list all such attachments in notes above and deliver them to DEP with a

paper copy of this form.

Click "?" icon for SC Code help

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008 Year of record DEP EU# (old Point #) 1191014 Facility AQ identifier



filling ms on	A.	Equipment Description					
mputer,	1.	Facility identifiers:					
lly the y to	SPRAGUE ENERGY						
your		a. Facility name					
– do e the		275802	1191014				
key.		b. DEP Account number	c. Facility AQ identifier - SSEIS ID number				
X	2.	Emission unit identifiers:					
		AG TANK #9-6,124,000 GAL					
		a. Facility's choice of emission unit name – edit as needed	· · · · · · · · · · · · · · · · · · ·				
		12	12				
		b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # - SSEIS point #				
<b>)</b>		d. Combined Units – enter number of individual units					
ne }							
	3.	Emission unit installation and decommission dates:					
		1/1/1956					
		a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) – if applicable				
delete			Complete only if the unit was shut down permanently				
}			or replaced since the last report.				
	4.	Emission unit replacement:					
		a. Is this unit replacing another emission unit?					
		☑ no ☐ yes – enter DEP's emissions unit number for the unit being replaced below:					
		b. DEP's Emission Unit Number and facility unit name					
	5.	Unit descriptions:					
		a. Description: ☑ above ground ☐ below groun	nd				
		b. Roof type:	F				
		48 150 612400	Specify other				
			sity – gallons				
	6.	Construction: ✓ steel weld ☐ other weld ☐ r	ivet ☐ fiberglass ☐ gunite				
	Ψ-		or - inordiane - animo				

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
12
DEP EU# (old Point #)
1191014
Facility AO identifier

## A. Equipment Description (cont.)

NO. 2 FUEL OIL a. Name of material 68476302 b. CAS number if single chemical PETROLEUM STORAGEDIST FUEL NO.2 d. SC Code description – filled by eDEP 60 f. Temperature – typical storage temp. in 'Fahrenheit  h. RVP – gasoline only  j. Oxygenate name – gasoline only  a. Name of material  b. CAS number if single chemical d. SC Code description – filled by eDEP  i. Total oxygen percent – gasoline only  a. Name of material  b. CAS number if single chemical d. SC Code description – filled by eDEP  f. Temperature – typical storage temp. in 'Fahrenheit  d. SC Code for standing / breathing loss  c. SC Code for standing / breathing loss  c. SC Code for standing / breathing loss  d. SC Code description – filled by eDEP  f. Temperature – typical storage temp. in 'Fahrenheit  h. RVP – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand your submission.	7.	Material stored (at start of year):						
a. Name of material  68476302 b. CAS number if single chemical PETROLEUM STORAGEDIST FUEL NO.2 d. SC Code description – filled by eDEP 60 f. Temperature – typical storage temp. in Fahrenheit h. RVP – gasoline only j. Oxygenate name – gasoline only  8. New material stored (enter new material if contents changed during year of record):  a. Neme of material b. CAS number if single chemical d. SC Code description – filled by eDEP f. Temperature – typical storage temp. in Fahrenheit c. SC Code for standing / breathing loss d. SC Code description – filled by eDEP e. Vapor pressure in PSI at 25° C g. Annual throughput in gallons e. Vapor pressure in PSI at 25° C g. Annual throughput in gallons i. Total oxygen percent – gasoline only i. Total oxygen percent – gasoline only j. Oxygenate name – gasoline only j. Oxygenate name – gasoline only j. Oxygenate name – gasoline only								
b. CAS number if single chemical PETROLEUM STORAGEDIST FUEL NO.2 d. SC Code description – filled by eDEP 60 f. Temperature – typical storage temp. in Fahrenheit h. RVP – gasoline only  a. Neme of material b. CAS number if single chemical b. CAS number if single chemical c. SC Code for standing / breathing loss 0.200 e. Vapor pressure in PSI at 25° C 17524181.0000 g. Annual throughput in gallons (enter 0 if not used) i. Total oxygen percent – gasoline only  i. Total oxygen percent – gasoline only  a. Neme of material b. CAS number if single chemical c. SC Code for standing / breathing loss d. SC Code description – filled by eDEP e. Vapor pressure in PSI at 25° C f. Temperature – typical storage temp. in °Fahrenheit g. Annual throughput in gallons i. Total oxygen percent – gasoline only j. Oxygenate name – gasoline only j. Oxygenate name – gasoline only  i. Total oxygen percent – gasoline only i. Total oxygen percent – gasoline only			1971 - 1971-in -					
Detroleum Storage Dist Fuel No.2  d. SC Code description – filled by eDEP  60  f. Temperature – typical storage temp. in Fahrenheit  h. RVP – gasoline only  j. Oxygenate name – gasoline only  a. Neme of material  b. CAS number if single chemical  b. CAS number if single chemical  c. SC Code description – filled by eDEP  f. Temperature – typical storage temp. in °Fahrenheit  c. SC Code description – filled by eDEP  f. Temperature – typical storage temp. in °Fahrenheit  d. SC Code description – filled by eDEP  f. Temperature – typical storage temp. in °Fahrenheit  h. RVP – gasoline only  j. Oxygenate name – gasoline only  i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  j. Oxygenate name – gasoline only  j. Oxygenate name – gasoline only  b. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand			40301021					
### PETROLEUM STORAGEDIST FUEL NO.2  d. SC Code description – filled by eDEP  60  f. Temperature – typical storage temp. in Fahrenheit  h. RVP – gasoline only  j. Oxygenate name – gasoline only  a. Neme of material  b. CAS number if single chemical  d. SC Code description – filled by eDEP  f. Temperature – typical storage temp. in °Fahrenheit  c. SC Code for standing / breathing loss  d. SC Code description – filled by eDEP  f. Temperature – typical storage temp. in °Fahrenheit  h. RVP – gasoline only  j. Oxygenate name – gasoline only  i. Total oxygen percent – gasoline only  g. Annual throughput in gallons  i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  j. Oxygenate name – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		b. CAS number if single chemical	c. SC Code for standing / breathing loss					
60 f. Temperature – typical storage temp. in Fahrenheit f. RVP – gasoline only  i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  8. New material stored (enter new material if contents changed during year of record):  a. Neme of material b. CAS number if single chemical c. SC Code for standing / breathing loss d. SC Code description – filled by eDEP e. Vapor pressure in PSI at 25° C f. Temperature – typical storage temp. in °Fahrenheit g. Annual throughput in gallons h. RVP – gasoline only j. Oxygenate name – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments 1. Notes: please include in the space below any additional information that will help DEP understand		PETROLEUM STORAGEDIST FUEL NO.2						
f. Temperature – typical storage temp. in Fahrenheit  g. Annual throughput in gallons (enter 0 if not used)  h. RVP – gasoline only  j. Oxygenate name – gasoline only  8. New material stored (enter new material if contents changed during year of record):  a. Neme of material  b. CAS number if single chemical  c. SC Code for standing / breathing loss  d. SC Code description – filled by eDEP  e. Vapor pressure in PSI at 25° C  f. Temperature – typical storage temp. in °Fahrenheit  g. Annual throughput in gallons  h. RVP – gasoline only  i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C					
i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  8. New material stored (enter new material if contents changed during year of record):  a. Neme of material  b. CAS number if single chemical  c. SC Code for standing / breathing loss  d. SC Code description – filled by eDEP  e. Vapor pressure in PSI at 25° C  f. Temperature – typical storage temp. in °Fahrenheit  g. Annual throughput in gallons  h. RVP – gasoline only  i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  B. Notes: please include in the space below any additional information that will help DEP understand			17524181.0000					
j. Oxygenate name – gasoline only  8. New material stored (enter new material if contents changed during year of record):  a. Neme of material  b. CAS number if single chemical  c. SC Code for standing / breathing loss  d. SC Code description – filled by eDEP  e. Vapor pressure in PSI at 25° C  f. Temperature – typical storage temp. in °Fahrenheit  g. Annual throughput in gallons  h. RVP – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		f. Temperature – typical storage temp. in *Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)					
8. New material stored (enter new material if contents changed during year of record):  a. Neme of material  b. CAS number if single chemical  c. SC Code for standing / breathing loss  d. SC Code description – filled by eDEP  e. Vapor pressure in PSI at 25° C  f. Temperature – typical storage temp. in °Fahrenheit  g. Annual throughput in gallons  h. RVP – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		h. RVP – gasoline only	i. Total oxygen percent – gasoline only					
a. Name of material  b. CAS number if single chemical  c. SC Code for standing / breathing loss  d. SC Code description – filled by eDEP  e. Vapor pressure in PSI at 25° C  f. Temperature – typical storage temp. in °Fahrenheit  g. Annual throughput in gallons  h. RVP – gasoline only  i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		j. Oxygenate name – gasoline only						
b. CAS number if single chemical  c. SC Code for standing / breathing loss  d. SC Code description – filled by eDEP  e. Vapor pressure in PSI at 25° C  f. Temperature – typical storage temp. in °Fahrenheit  g. Annual throughput in gallons  h. RVP – gasoline only  i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand	8.	New material stored (enter new material if conten	ts changed during year of record):					
d. SC Code description – filled by eDEP  e. Vapor pressure in PSI at 25° C  f. Temperature – typical storage temp. in °Fahrenheit  g. Annual throughput in gallons  i. Total oxygen percent – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		a. Neme of material						
d. SC Code description – filled by eDEP  e. Vapor pressure in PSI at 25° C  f. Temperature – typical storage temp. in °Fahrenheit  h. RVP – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand								
f. Temperature – typical storage temp. in °Fahrenheit  g. Annual throughput in gallons  h. RVP – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		b. CAS number if single chemical	c. SC Code for standing / breathing loss					
h. RVP – gasoline only  j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C					
j. Oxygenate name – gasoline only  B. Notes and Attachments  1. Notes: please include in the space below any additional information that will help DEP understand		f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons					
<ul> <li>B. Notes and Attachments</li> <li>1. Notes: please include in the space below any additional information that will help DEP understand</li> </ul>		h. RVP gasoline only	i. Total oxygen percent – gasoline only					
Notes: please include in the space below any additional information that will help DEP understand		j. Oxygenate name – gasoline only						
Notes: please include in the space below any additional information that will help DEP understand	 В.	Notes and Attachments						
your submission.	_		ditional information that will help DEP understand					
		your submission.	and the morniage that will not be understand					
			Military and the second					
1								
2. Attachments:  Check here to submit attachments to this form. For attachments that cannot be sent electronically, please list all such attachments in notes above and deliver them to DEP with a	2							

paper copy of this form.

Click "?" icon for SC Code help

Bureau of Waste Prevention - Air Quality

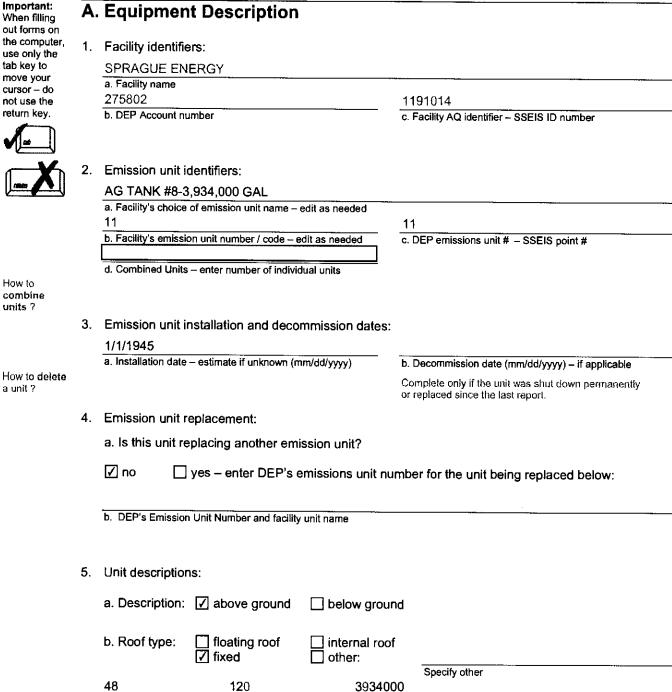
## BWP AQ AP-4

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008
Year of record
11
DEP EU# (old Point #)
1191014
Facility AQ identifier

Important: When filling out forms on the computer. use only the tab key to move your cursor - do not use the



e. Capacity - gallons

✓ steel weld other weld rivet fiberglass qunite

c. Height / Length - feet

Construction:

d. Diameter - feet

Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008
Year of record
11
DEP EU# (old Point #)
1191014
Facility AO identifier

### A. Equipment Description (cont.)

7. Material stored (at start of year): NO. 2 FUEL OIL a. Name of material 68476302 40301021 b. CAS number if single chemical c. SC Code for standing / breathing loss PETROLEUM STORAGEDIST FUEL NO.2 0.200 d. SC Code description - filled by eDEP e. Vapor pressure in PSI at 25° C 12234127.0000 f. Temperature – typical storage temp. in °Fahrenheit g. Annual throughput in gallons (enter 0 if not used) h. RVP - gasoline only i. Total oxygen percent - gasoline only j. Oxygenate name - gasoline only 8. New material stored (enter new material if contents changed during year of record): a. Name of material b. CAS number if single chemical c. SC Code for standing / breathing loss d. SC Code description - filled by eDEP e. Vapor pressure in PSI at 25° C f. Temperature - typical storage temp. in °Fahrenheit g. Annual throughput in gallons h. RVP - gasoline only i. Total oxygen percent - gasoline only j. Oxygenate name - gasoline only B. Notes and Attachments 1. Notes: please include in the space below any additional information that will help DEP understand your submission. 2. Attachments: Check here to submit attachments to this form. For attachments that cannot be

sent electronically, please list all such attachments in notes above and deliver them to DEP with a

agap4.doc • revised 10/03/05

paper copy of this form.

Click "?" icon for SC Code

help

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

Complete one AP-4 for EACH organic material storage tank.

2008 Year of record 10 DEP EU# (old Point #) 1191014 Facility AQ identifier

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





2.

4.

How to combine units?

How to delete a unit?

Α.	Equ	Jipm	ent	Des	cription
----	-----	------	-----	-----	----------

Facility identifiers:	
SPRAGUE ENERGY	
a. Facility name	
275802	1191014
b. DEP Account number	c. Facility AQ identifier - SSEIS ID number
Emission unit identifiers:	
AG TANK #7-3,301,000 GAL	
a. Facility's choice of emission unit name – edit as needed	40
10	10
b. Facility's emission unit number / code - edit as needed	c. DEP emissions unit # - SSEIS point #
d. Combined Units – enter number of individual units	

3.

1/1/1962	
a. Installation date – estimate if unknown (mm/dd/yyyy)	b. Decommission date (mm/dd/yyyy) - if applicable
	Complete only if the unit was shut down permanently or replaced since the last report.
Emission unit replacement:	
a. Is this unit replacing another emission unit?	
☑ no ☐ yes – enter DEP's emissions ur	it number for the unit being replaced below:

5. Unit descriptions: a. Description: above ground below ground b. Roof type: floating roof internal roof √ fixed other: Specify other 110 3301000

e. Capacity - gallons

6.	Construction:	steel weld	other weld	☐ rivet	fiberglass	gunite
					_ •	

d. Diameter - feet

c. Height / Length - feet

# **Massachusetts Department of Environmental Protection**Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-4**

Emission Unit - Organic Material Storage

2008	
Year of record	_
10	
DEP EU# (old Point #)	_
1191014	
Facility AQ identifier	_

## A. Equipment Description (cont.)

7. Material stored (at start of year):	
KEROSENE	
a. Name of material	
8008206	40301021
b. CAS number if single chemical	c. SC Code for standing / breathing loss
PETROLEUM STORAGEDIST FUEL NO.2	0.500
d. SC Code description - filled by eDEP	e. Vapor pressure in PSI at 25° C
60	7384983.0000
f. Temperature typical storage temp. in Fahrenheit	g. Annual throughput in gallons (enter 0 if not used)
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	_
B. New material stored (enter new material if conte	ents changed during year of record):
a. Name of material	
b. CAS number if single chemical	c. SC Code for standing / breathing loss
d. SC Code description – filled by eDEP	e. Vapor pressure in PSI at 25° C
f. Temperature – typical storage temp. in °Fahrenheit	g. Annual throughput in gallons
h. RVP – gasoline only	i. Total oxygen percent – gasoline only
j. Oxygenate name – gasoline only	-
3. Notes and Attachments	
	dditional information that will help DEP understand
your submission.	aditional information that will help DEP understand
2. Attachments:  Check here to submit attach	ments to this form. For attachments that cannot be
sent electronically, please list all such attachmen	to and former or attachments that calling be

paper copy of this form.

Click "7" icon for SC Code help



Bureau of Waste Prevention - Air Quality

## **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

2008	
Year of record	
1191014	
Facility AQ identifier	

#### A. Annual Total Emissions Statement

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





1. Facility Identifiers:

<b>SPRAGUE</b>	<b>ENERGY</b>

a. Facility name 275802

b. DEP Account number

1191014

c. Facility AQ identifier - SSEIS ID number

- Total Emissions This form calculates your facility's actual and potential emissions by adding the
  emissions you entered in forms for each emission unit. The results are displayed in the table below.
  You must validate forms for each emission unit before the results below can be complete. To enter
  HAP emissions, see Section D.
- 3. Facility-wide Emission Limits -- Please enter facility-wide annual or short-term emissions limits below, if any. To enter HAP restrictions, see Section D.

	Pollutant	PM10	PM2.5	SO2	NO2	CO
	Actual for previous year	0		1	0	0
	eDEP only:	Tons	Tons	Tons	Tons	Tons
	Actual for year of record:	0.0534	0.0133	2.2765	1.2825	0.2673
		Tons	Tons	Tons	Tons	Tons
	Potential emissions at max capacity uncontrolled:	0.5782	0.1445	24.6296	13.8758	2.8908
		Tons	Tons	Tons	Tons	Tons
	Facility-wide max allowed emissions – annual:	Tons	Tons	Tons	Tons	<b>—</b>
흐盲	Facility-wide max allowed	10115	TOTIS	10115	TORIS	Tons
wid ns (	emissions - short term;	Pounds	Pounds	Pounds	Pounds	Pounds
Facility-wide restrictions only	Short term period:					
Fac	Basis: DEP approval number or regulation:					
	Pollutant:	Voc	НОС	"Reserved"	NH3	□ CO2
	Actual for previous year	2			and a second control of the second control of the second control of the second control of the second control o	
	eDEP only: Actual for year of record: Potential emissions at max	Tons	Tons	Tons	Tons	Tons
		4.2607	0	0	0.0427	
:		Tons	Tons	Tons	Tons	Tons
		9.7157	0		0.4625	
	capacity uncontrolled:	Tons	Tons	Tons	Tons	Tons
	Facility-wide max allowed emissions – annual:					
칅		Tons	Tons	Tons	Tons	Tons
휼힣	Facility-wide max allowed emissions – short term:	<del></del>				
¥ 50		Pounds	Pounds	Pounds	Pounds	Pounds
Facility-wide restrictions only	Short term period:					
res.	Basis: DEP approval number or regulation:		_			



GHG thresholds - what to report and what not to report here

HAP thresholds - what to report and what not to report here

What is a HAP?

#### **Massachusetts Department of Environmental Protection**

Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-TES**

2008	
Year of record	
1191014	
Facility AQ identifier	

Α.	Annual Total Emi	& Hazardous Air		<u>(c</u>	ont )	
	If you have facility-wide f			•	,	a following for each:
	,	,, 0.	p. 000	<b>.</b>	soundading, complete the	Tollowing for each.
а.	DEP approval # (most recent)	Amount of restriction	<del></del>	Res	striction units	Per unit time
	Description of fuel, raw material	or product restricted				
b.						
	DEP approval # (most recent)	Amount of restriction		Res	triction units	Per unit time
	Description of fuel, raw material of	r product restricted			7 E M - 1	,
C.	DED assessed # / control	-				
	DEP approval # (most recent)	Amount of restriction		Res	triction units	Per unit time
В.	Greenhouse Gas	List				
1.	Please indicate which – if a by checking the appropriate	any - of the following e box:	greei	nho	use gas chemicals are ι	used and/or emitted
	Use Emitted		se	En	nitted	
	☐ Nitrous oxide	N2O [	֓֟֝֟֝֟֓֟֝֟֝ <u>֚</u>	Ï	Hydrofluorocarbons (F	HFC's)
	☐ Sulfur Hexaflu	oride (SF6) L	J	Ш	Perfluorocarbons (PF0	Cs)
Ċ.	Hazardous Air Po	llutant (HAP)	List			
1.	Does your facility use any Air Act that are listed below	of the Hazardous Ai	r Pollu	tan es:	ts regulated under Secti	on 112 of the Clean
	☐ yes - indicate which che ☐ no - skip to section D.	emicals are used and	d whic	h a	re emitted by checking t	he appropriate boxes
Use	Hazardous Air Po	ollutants CAS#	Use	Fn	Hazardous Air Po	ollutants CAS#
		75-07-0 60-35-5 75-05-8 98-86-2 53-96-3 107-02-8 79-06-1			Allyl chloride 4-Aminobiphenyl Aniline o-Anisidine Asbestos Benzene	107-05-1 92-67-1 62-53-3 90-04-0 1332-21-4 71-43-2

■ Benzyl chloride

100-44-7



Bureau of Waste Prevention - Air Quality

# **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

#### 2008 Year of record

1191014

Facility AQ identifier

# C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emi	itted	CAS#	Use	Emi	itted	CAS#
		Dishard	00.50.4	_	_		<b>57 (5 )</b>
		Biphenyl	92-52-4			2,4-Dinitrotoluene	121-14-2
	_	Bis(2-ethylhexyl)phthalate	117-81-7			1,4-Dioxane (1,4-Diethyleneoxide)	123-91-1
		Bis(chloromethyl)ether	542-88-1			1,2-Diphenylhydrazine	122-66-7
		Bromoform	75-25-2			Epichlorohydrin (1-Chloro-2,3-epoxypropane	)106-89 <b>-</b> 8
		1,3-Butadiene	106-99-0			1,2-Epoxybutane (1,2-Butylene oxide)	106-88-7
		Calcium cyanamide	156-62-7			Ethyl acrylate	140-88-5
		Captan	133-06-2	<u></u>		Ethyl benzene	100-41-4
		Carbaryl	63-25-2			Ethyl carbamate (Urethane)	51-79-6
		Carbon disulfide	75-15-0	_		Ethyl chloride (Chloroethane)	75-00-3
		Carbon tetrachloride	56-23-5			Ethylene dibromide (1,2-Dibromoethane)	
		Carbonyl sulfide	463-58-1			Ethylene dichloride (1,2-Dichloroethane)	107-06-2
		Catechol	120-80-9			Ethylene glycol	107-21-1
		Chloramben	133-90-4			Ethylene imine (Aziridine)	151-56-4
		Chloridane	57-74-9			Ethylene oxide	75-21-8
	_	Chlorine	7782-50-5			Ethylene thiourea	96-45-7
		Chloroacetic acid	79-11-8			Ethylidene dichloride (1,1-Dichloroethane)	75-34-3
		2-Chloroacetophenone	532-27-4			Formaldehyde	50-00-0
		Chlorobenzene	108-90-7			Heptachlor	76 <del>-4</del> 4-8
		Chlorobenzilate	510-15-6			Hexachlorobenzene	118-74-1
		Chloroform	67-66-3			Hexachloro-butadiene	<b>87-68</b> -3
		Chloromethyl methyl ether	107-30-2			Hexachlorocyclopentadiene	77-47-4
		Chloroprene	126-99-8			Hexachloroethane	67-72-1
		Cresols (mixed isomers)	1319-77-3			Hexamethylene-1,6-diisocyanate	822-06-0
		m-Cresol	108-39-4			Hexamethylphosphoramide	680-31-9
		o-Cresol	95-48-7			Hexane	110-54-3
		p-Cresol	106-44-5			Hydrazine	302-01-2
		Cumene	98-82-8			Hydrochloric acid	7647-01-0
		2,4-D, salts and esters	94-75-7			Hydrogen fluoride	7664-39-3
		DDE Biographia	72-55-9			Hydrogen sulfide	7783-06-4
		Diazomethane	334-88-3			Hydroquinone	123-31-9
		Dibenzofuran	132-64-9			Isophorone	78-59-1
		1,2-Dibromo-3-chloropropane	96-12-8			Lindane	5 <b>8-89-</b> 9
		Dibutylphthalate	84-74-2			Maleic anhydride	108-31-6
		1,4-Dichlorobenzene	106-46-7			Methanol	67-56-1
		3,3-Dichlorobenzidene	91-94-1			Methoxychlor	72-43-5
		Dichloroethylether (Bis(2-chloroethyl)ether)	111-44-4			•	74-83-9
		1,3-Dichloropropene (1,3-Dichloropropylene)					74-87-3
		Dichlorvos Dicthonologiae	62-73-7			Methyl chloroform (1,1,1-Trichloroethane)	
ä		Diethanolamine	111-42-2				78-93-3
		N,N-Diethyl aniline (N,N-Dimethylaniline) Diethyl sulfate					60-34-4
		3,3-Dimethoxybenzidine	64-67-5				74-88-4
		Dimethyl aminoazobenzene	119-90-4			Methyl isobutyl ketone (Hexone)	108-10-1
		3,3-Dimethyl benzidine	60-11-7				624-83-9
		Dimethyl carbamoyl chloride	119-93-7				80-62-6
		Dimethyl formamide (N,N-)	79-44-7			Methyl tert-butyl ether	1634-04-4
		1,1-Dimethyl hydrazine	68-12-2 57 14 7			4,4-Methylenebis(2-chloroaniline)	101-14-4
		Dimethyl phthalate	57-14-7	_			75-09-2
		Dimethyl sulfate	131-11-3 77-78-1				101-68-8
		4,6-Dinitro-o-cresol and salts	77-78-1 534-52-1			4,4-Methylenedianiline	101-77-9
	ă	2,4-Dinitrophenol	51-28-5				91-20-3
_	-	z, i zandopriedo	51-20-3			Nitrobenzene	98-95-3



# **Massachusetts Department of Environmental Protection**Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

2008	
Year of record	
1191014	
Facility AQ identifier	

# C. Hazardous Air Pollutant (HAP) List (cont.)

Use	Emitted	CAS#	Use	Emitted	CAS#
	4-Nitrobiphenyl	92-93-3		□ Vinviidono oblasido (4.4 Diablemento de es	75.05.4
_	☐ 4-Nitrophenol	100-02-7		☐ Vinylidene chloride (1,1-Dichloroethylene)	75-35-4
	☐ 2-Nitropropane	79-46-9	_	Xylene (mixed isomers)	1330-20-7
	☐ N-Nitrosodimethylamine	62-75-9		□ m-Xylene	108-38-3
	☐ N-Nitrosomorpholine	· - •		□ o-Xylene	95-47-6
ä	□ N-Nitroso-N-methylurea	59-89-2		p-Xylene	106-42-3
ä	☐ Parathion	684-93-5		☐ Antimony	<b>7440-36</b> -0
	☐ Pentachloronitrobenzene (Quintozene)	56-38-2	<b>.</b>	-1	
ă	☐ Pentachlorophenol	82-68-8 87-86-5		nic compounds:	
	☐ Phenol	87-86-5		Arsenic	7440-38-2
	p-Phenylenediamine	108-95-2		☐ Arsine	7784-42-1
_	☐ Phosgene	106-50-3	Oth s	. 6 8 - 4 - 1	
ă	☐ Phosphine	75-44-5		r Metals:	
ū	☐ Phosphorous	7803-51-2		☐ Beryllium	7440-41-7
	☐ Phthalic anhydride	7723-14-0	<u> </u>	Cadmium	7440-43-9
ä	□ PCBs	85-44-9		Chromium	7440-47-3
	☐ 1,3- Propane sultone	1336-36-3		Cobalt	7440-48-4
ä	☐ beta-Propiolactone	1120-71-4		Lead	7439-92-1
ä	☐ Propionaldehyde	57-57-8	<u> </u>	Manganese	7439-96-5
ä		123-38-6		Mercury	7439-97-6
ä	Proposur (Baygon)	114-26-1		Nickel	<b>7440-0</b> 2-0
ä	☐ Propylene dichloride (1,2 Dichloropropane ☐ Propylene oxide			☐ Selenium	7782-49-2
	☐ 1,2-Propylenimine (2-Methyl aziridine)	75-56-9	_		
ä	☐ Quinoline	75-55-8		☐ Coke oven emissions	
	☐ Quinone	91-22-5	_		
ö	Styrene	106-51-4		☐ Cyanide compounds (XCN where X=H	
	•	100-42-5	_	group where a formal dissociation may	оссиг)
	Styrene oxide	96-09-3		☐ Hydrogen cyanide	74-90-8
ä	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	_		
	1,1,2,2-Tetrachloroethene	79-34-5		☐ Glycol ethers (include mono- and di- es	
	☐ Tetrachloroethylene (Perchloroethylene)			glycol, diethylene glycol, and triethylene	glycol R-
	☐ Titanium tetrachloride	7550-45-0		(OCH2CH2)n-OR' where n = 1, 2, or 3:	R = alkyl C7 or
_	☐ Toluene	108-88-3		less; or R= phenyl or alkyl substituted p alkyl C7 or less; or OR' consisting of ca	henyl; R' = H or
	☐ Toluene-2,4- diamine	95-80-7		ester, sulfate, phosphate, nitrate or sulfa	noxylic acid
_	2,4-Toluene diisocyanate	584-84-9		☐ Fine mineral fibers (includes glass micro	
	O-Toluidene	95-53-4	_	wool fibers, rock wool fibers and slag w	
	1,2,4-Trichlorobenzene	120-82-1		characterized as "respirable" (fiber diam	neter < 3.5
	1,1,2-Trichloroethane	79-00-5		micrometers) and possessing an aspec	t ratio (fiber
	☐ Trichloroethylene	79-01-6		length divided by fiber diameter) > 3)	
	2,4,5-Trichlorophenol	95-95-4		□ Polycyclic Organic Matters (POM) (inclu	ides organic
	☐ Triethylamine	121-44-8		compounds with more than one benzen	e ring, and
	☐ Trifluralin	1582-09-8		which have a boiling point greater than	or equel to 100
	2,2,4-Trimethylpentane	540-84-1		C)	
	☐ Vinyl acetate	108-05-4	Ц	Radionuclides (a type of atom which sp	contaneously
	☐ Vinyl bromide	593-60-2		undergoes radioactive decay)	
	☐ Vinyl chloride	75-01-4			



# **Massachusetts Department of Environmental Protection**Bureau of Waste Prevention – Air Quality

# **BWP AQ AP-TES**

Total Emissions Statement & Hazardous Air Pollutant List

2008	
Year of record	
1191014	
Facility AO identifier	

D. I	Hazardous	Air	<b>Pollutant</b>	<b>Emissions</b>
------	-----------	-----	------------------	------------------

	υ.	Hazardous Air Pollutant Emissions						
Do you need an	1,	Does the facility have the potential to emit (PTE) 10 tons of any single listed Hazardous Air Pollutant (HAP)?						
operating permit?		☐ yes 🗹 no						
	2.	Does the facility have the potential to emit (PTE) a total of 25 tons of any combination of listed Hazardous Air Pollutants (HAPs)?						
Are you subject		☐ yes 🗹 no						
to TURA ?	3.	Does the facility have a restriction on total HAPS?						
		☐ yes 🗸 no						
	4.	Are you required to report HAP emissions here for any other reason? (e.g., a permit condition)						
		☐ yes ☑ no						
	5.	If you answered "yes" to any of the questions 1- 4 above you need to report your single largest HAP emissions and your total HAP emissions for the year. You also need to report emissions for any HAP for which you have an emissions restriction. eDEP will generate additional pages needed to enter that data. If you wish to submit additional HAP data, you may add them to the HAP pages that follow or in the attachments and notes sections below.						
	E. Notes and Attachments							
	1.	Notes: Please include in the space below any additional information that will help DEP understand your submission.						
	2.							
		Check here to submit attachments to this form (e.g., calculations). For eDEP on-line filers, this will create a new step on your Current Submittals Page where you will attach electronic files to your submittal. For attachments that <b>cannot</b> be sent electronically, please list all such attachments in the notes field above and deliver them to DEP with a paper copy of this form.						

# 600 GAllons 1000 GAILONS

#### **2008 QUINCY TERMINAL TOTALS**

		<b>GALLONS</b>	<b>BARRELS</b>	TANK	
	#2 OIL	38,942,625	927,205.36	(+10),9,12	/
	KERO	7,384,983	175,832.93	#7	
	DIESEL	13,795,930	328,474.52	#5 , #8	
	JP5	2,531,623	60,276.74	#4,#6	
-	RED DYE	902			
	DIESEL ADDITIVE	2555	(X TA-IC)		
	#605 HEAVY OIL	8,277,737	197,088.97	#11	

#### **2008 TRT TERMINAL TOTALS**

	<b>GALLONS</b>	BARRELS	METRIC TONS	
#2 OIL	<del></del>			
TK #5 TK #6	11,231,917 8,526,268	267,426.59 203,006.39		
CAUSTIC SODA			12,991	
DYE	0			
RETAIL DIESEL	80,036	1,904		/ \
				₩ ``

BOILER - FEED THINOUGH NANK

33,000 bbls

#5

1650

12,000 bbt # 8 94,000 bbls

# 2008 Quincy TERMINAL TOTALS

ΑII	in	gal	lons

X-2 Roadforce 1,679.5

X-3 #2 office furnace tank 1,623

X-4 Jet add. 0

- X-5 red dye 50
- X-6 red dye 478.9
- X-7 Heat force 93

X-12 Lubricity 3,121

#### **Boilers**

2 - Hodge Boiler 84,258 (80%)

& York 21,065

- ? TANK #

We do have that office furnace

X-9 JET A FILTER X-13 TA-LO- BOREA

X-12

#### GZA GEOENVIRONMENTAL, INC. ENVIRONMENTAL CHEMISTRY LABORATORY 106 SOUTH STREET, HOPKINTON, MA 01748 (781) 278-4700 MASSACHUSETTS LABORATORY I.D. NO. MA092

# MADEP VOLATILE PETROLEUM HYDROCARBONS (VPH) / ME DEP 4.2.17 - GRO / EPA Method 8015B GRO PURGEABLES IN AQUEOUS AND/OR SOLID MATRIX

#### QUALITY CONTROL

DATE:

01/15/07

Solid

METHOD BLANK	AQUEOUS ug/L-PPB	SOLID mg/kg - PPM	· · · · · · · · · · · · · · · · · · ·
HYDROCARBON FRACTIONS			
C5-C8 Aliphatics	<25	<1.0	
C9-C12 Aliphatics	<25	<1.0	
C9-C10 Aromatics	<25	<1.0	
TARGET COMPOUNDS	_		
Methyl tert butyl ether	<5.0	<0,25	
Benzene	<1.0	<0.10	
Toluene	<1.0	<0.10	
Ethylbenzene	<1.0	<0.10	
m,p-Xylenes	<1.0	<0.10	
o-Xylene	<1.0	<0.10	
Naphthalene	<2.0	<0.20	
Surrogate:	% Recovery	Limits - Aqueous	Limita - Solid
***2,5-Dibromotoluene (FID)	105	70-130	70-130
***2,5-Dibromotoluene (PID)	102	70-130	70-130

LABORATORY CONTROL SAMPLE	% Recovery	% Recovery	RPD	Limits	Limite
DUPLICATE LCS	LCS	LCS-Duplicate		% Recovery	RPD
HYDROCARBON FRACTIONS		<u>-</u>			
C5-C8 Aliphatics	101	111	9.42	70-130	<25
C9-C12 Aliphatics	108	105	3.12	70-130	<25
C9-C10 Aromatics	94.8	96.8	2.09	70-130	<25
TARGET COMPOUNDS			,	155	40
Methyl tert butyl ether	97.6	94,5	3.25	70-130	<25
Benzene	101	102	1.06	70-130	<25
Toluene	98.2	97.5	0.78	70-130	<25
Ethylbenzene	101	102	0.20	70-130	<25
m,p-Xylenes	102	102	0.59	70-130	<25
o-Xylene	95.3	96.8	1.50	70-130	<25
Naphthalene	94.4	89.8	5.00	<b>70</b> -130	<25
Surrogate:			2.00	, 5 150	-6-2
***2,5-Dibromotoluene (FID)	103	91.6			
***2,5-Dibromotoluene (PID)	99.9	91.7			



# **Massachusetts Department of Environmental Protection**Bureau of Waste Prevention – Air Quality

Processor.	·
200	Я
200	0
-	
Yea	r of Record

# Source Registration Overview Create or Amend a Source Registration Forms Package

1191014 Facility AQ identifier

	Α.	Create a Source Registration Page	ckage								
Click "?" icons for important notes	1.	Select existing or new facility:									
, , , , , , , , , , , , , , , , , , , ,		Existing Facilities: To create a complete package for 2008 check box.		ies – ch d a Sou	eck if y irce Re	ou have	never				
IMPORTANT !		check if you added emission units or stacks since your last report.									
	2.	Validate this form:									
How do you replace units?		Date Received (DEP use only - mm/dd/yyyy)									
	B.	B. Amend a Source Registration									
Many days	1.	If you need to correct or add to a previously submitted Source Registration for 2008 check the boxes in the list below to select the forms/units you wish to work on. Check here to add new units:									
How do you amend a prior year's Source	2.	Validate this form:					<del></del>				
Registration ?	Fac	Facility Name: SPRAGUE ENERGY									
	Our	Our records indicate that this facility has: Emission Units (points) and Physical Stacks									
	Z	AP-SR Source Registration Form (general facility and contact AP-TES Total Emissions Statement (facility-wide emissions; i	information) – REQUIRE	-n		ortina).					
How does the		#3 BOILER		,	, ,	<b>3</b> /-					
new numbering system differ from the old ?		Emission unit name (from pri	or submittals) F	acility's ID#	DEP#	AP form	Last update				
EMOUED &	Z	BOILER #1-HODGE/SCOTCH 10.65 MMBTU/HR #2 OIL-0	.3	1	1	AP-1	2000				
<b>39</b> 91	· 🔽	BOILER #2-YORK SHIPLEY SPL200-6 7.9 MMBTU/HR		2	2	AP-1	2000				
	Z	HOT AIR FURNACE ARMSTRONG ULTRA 80		3	3	AP-1	2000				
4.5	Z	TRUCK LOADING RACK DISTILLATES		16	16	AP-2	2000				
υj	$\mathbf{Z}$	LOADING #2-BARGES DISTILLATES		7	17	AP-2	2000				
EMP V	Z	AG TANK #1-203,826 GAL #2 OIL-0.3%S			4	AP-4	2000				
emp v	Z	AG TANK #2-203,532 GAL -EMPTY-		5	5	AP-4	2000				
EMP.	Z	AG TANK #3-203,994 GAL #2 OIL-0.3%S			6	AP-4	2000				
	<b>7</b>	AG TANK #4-493,000 GAL KEROSENE			7	AP-4	2000				
	Z	AG TANK #5-493,000 GAL #2 OIL-0.3%S		3	8	AP-4	2000				
Additional units (if any) listed on	Z	AG TANK #6-2,262,000 GAL #2 OIL-0.3%S			9	AP-4	2000				
following pages	Z	AG TANK #7-3,301,000 GAL #2 OIL-0.3%S	[1	0	10	AP-4	2000				
	V	AG TANK #8-3,934,000 GAL #2 OIL-0.3%S		1	11	AP-4	2000				

### Croteau, Peter

From: Marks, Rob

**Sent:** Monday, August 03, 2009 11:38 AM

To: Croteau, Peter Subject: More tank info

X-1 was remover from the site